

## CURRICULUM VITAE

### **ANIL KUMAR LALWANI, MD, FACS**

Professor

Department of Otolaryngology

Professor, Department of Physiology and Neuroscience

Professor, Department of Pediatrics

New York University School of Medicine

540 First Avenue, Skirball 7Q

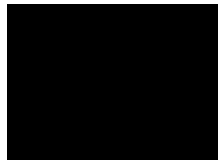
New York, NY 10016

Office: 212-263-7167





Fax: 212-263-2019

Email: [anil.lalwani@nyumc.org](mailto:anil.lalwani@nyumc.org)

## **EDUCATION**

	Michigan State University East Lansing, MI	B.S. Biochemistry (High Honor)
	University of Michigan Medical School Ann Arbor, MI	M.D. (with Distinction)

## **POSTGRADUATE TRAINING**

	Internship and Junior Resident, General and Thoracic Surgery Duke University Medical Center, Durham, NC
	Resident, Department of Otolaryngology-Head & Neck Surgery University of California School of Medicine, San Francisco, CA
	Clinical Instructor and Fellow in Neurotology/Skull Base Surgery Department of Otolaryngology-Head & Neck Surgery University of California School of Medicine, San Francisco, CA
	Senior Staff Fellow, Laboratory of Molecular Biology National Institute on Deafness and Other Communication Disorders National Institutes of Health, Bethesda, MD

## **POSTGRADUATE COURSES**

2004	Physician Leadership Development Program New York University School of Medicine, New York, NY
2005	Program for Chiefs of Clinical Services (January 16-28, 2005) Harvard School of Public Health, Boston, MA

**EMPLOYMENT HISTORY**

- 1991 - 1992 Clinical Instructor, Department of Otolaryngology-Head & Neck Surgery  
University of California School of Medicine, San Francisco, CA
- 1992 - 1994 Senior Staff Fellow, National Institute on Deafness and Other  
Communication Disorders, National Institutes of Health, Bethesda, MD
- 1994 - 1998 Assistant Professor, Department of Otolaryngology-Head & Neck Surgery  
University of California School of Medicine, San Francisco, CA  
Director, Laboratory of Molecular Otology  
Director, Pediatric Otology and Neurotology & Pediatric  
Cochlear Implant Program
- 1997 - 2003 Member, Program in Human Genetics  
University of California School of Medicine, San Francisco, CA
- 1998 -2002 Associate Professor, Department of Otolaryngology-Head & Neck Surgery  
University of California School of Medicine, San Francisco, CA  
Director, Laboratory of Molecular Otology  
Director, Pediatric Otology and Neurotology
- 2000 -2003 Director, Cochlear Implant Program
- 2002 -2003 Member, Biomedical Sciences Graduate Program
- 2002 -2003 Professor, Department of Otolaryngology-Head & Neck Surgery  
University of California School of Medicine, San Francisco, CA
- 2003- 2009 Mendik Foundation Professor and Chairman, Department of Otolaryngology  
New York University School of Medicine, New York, NY
- 2003- Professor of Physiology and Neuroscience  
New York University School of Medicine, New York, NY
- 2004- Member, Helen and Martin Kimmel Center in Stem Cell Biology  
New York University School of Medicine, New York, NY
- 2006- Professor, Department of Pediatrics  
New York University School of Medicine, New York, NY
- 2009- Professor, Department of Otolaryngology  
New York University School of Medicine, New York, NY

**LICENSURE**

- 1987 California [REDACTED]
- 2003 New York [REDACTED]
- 2006 National Provider Number [REDACTED]

## BOARD CERTIFICATION

1986            National Boards of Medical Examiners

1992            American Board of Otolaryngology (April 7, 1992)

2010            American Board of Otolaryngology Neurotology Subspecialty Certification  
(June 1, 2010 — June 30, 2020)

## HONORS AND AWARDS

██████            National Honor Society

██████████            Michigan State University  
                               Phi Beta Kappa  
                               Phi Kappa Phi  
                               Golden Key National Honor Society  
                               Pi Mu Upsilon (Math)  
                               Honors College  
                               American Chemical Society's Outstanding Senior Biochemistry  
                               Award  
                               ████████████████████

██████            University of Michigan School of Medicine  
                               One of **top five** graduates of Class of ██████  
                               Alpha Omega Alpha (Junior)  
                               Eben J. Carey Memorial Award in Anatomy

██████            Selected by Medical Students as "One of Duke's Outstanding Teachers," Duke  
                               University Medical Center

██████            Selected by Medical Students as "One of the Outstanding Teachers Among  
                               UCSF House Officers," University of California, San Francisco

██████            Third Place: **Lalwani AK**, Engelstad BL, Boles R: Indium-Labeled WBC  
                               Scans in Head and Neck Surgery. Presented at Fifth Annual Bay Area  
                               Residents' Research Symposium, Oakland, California

██████            Second Place, Resident Case of the Year Competition, American Rhinologic  
                               Society: **Lalwani AK**, Kaplan MJ: Paranasal Sinus Leiomyosarcoma  
                               Following Cyclophosphamide and Irradiation. Presented at American  
                               Rhinologic Society's 35th Annual Meeting, New Orleans, Louisiana

- 1990 Second Place: **Lalwani AK**, Carey TE: Lectin Binding Characteristics in Squamous Cell Carcinoma. Presented at Sixth Annual Bay Area Residents' Research Symposium, Oakland, California
- 1990 Honorable Mention, Resident Case of the Year Competition, American Rhinologic Society: **Lalwani AK**, Tami TA: Nasal Manifestation of Lepromatous Leprosy. Presented at American Rhinologic Society's 36th Annual Meeting, San Diego, California
- 1996 Honor Award, American Academy of Otolaryngology-Head & Neck Surgery
- 1997 First Place, Clinical Science Category, Resident Research Award, American Academy of Otolaryngology-Head & Neck Surgery: Bikhazi PH, Kim E, Bikhazi N, Attaie A, **Lalwani AK**: Genetic Screening of the NF2 Gene in Families With Unilateral Vestibular Schwannoma.
- 1998 Nicholas Torok Vestibular Award, American Neurotology Society **Lalwani AK**, Walsh BJ, Carvalho GJ, Muzyczka N, Mhatre AN. Expression of Adeno Associated Virus (AAV) Integrated Transgene Within the Mammalian Vestibular Organs.
- 1998 First Place, Basic Science Category, Bay Area Resident Research Symposium: Bikhazi PH, Kim E, Bikhazi N, Attaie A, **Lalwani AK**: Genetic Screening of the NF2 Gene in Families With Unilateral Vestibular Schwannoma.
- 1999 First Place, Basic Science Category, Bay Area Resident Research Symposium: Bikhazi PH, Roeder E, Attaie A, **Lalwani AK**: Familial Paragangliomas: The Emerging Impact of Molecular Genetics on Evaluation and Management
- 2000 The National Registry of *Who's Who*
- 2000 Castle Connolly Guide: *How to Find the Best Doctors: San Francisco Bay Area & America's Top Doctors*
- 2000 Roger Boles Award for Excellence in Teaching, Department of Otolaryngology—Head & Neck Surgery, University of California San Francisco
- 2000 Boies Lecturer, Department of Otolaryngology-Head & Neck Surgery, University of Minnesota School of Medicine
- 2000 Strathmore's *WHO'S WHO*
- 2002 Francis A. Sooy Award for Excellence in Clinical Teaching, Department of Otolaryngology—Head & Neck Surgery, University of California San Francisco

- 2002 Ben Senturia Lecturer, Department of Otolaryngology, Washington University School of Medicine
- 2003 First Place Award, First Annual UCSF Resident Research Symposium: Chatelin V, Kim EJ, Driscoll C, Larky J, Polite C. Price L, **Lalwani AK**: Cochlear Implant Outcomes in the Elderly
- 2004 Distinguished Services Award, American Academy of Otolaryngology—Head & Neck Surgery
- 2004 Innovator, Best Doctor Issue, *New York Magazine*
- 2004 Marquis Who's Who in America (59<sup>th</sup> Edition; 2005)
- 2005 International Health Profession of the Year 2005, International Biographical Centre, Cambridge, England
- 2005 AcademicKeys Who's Who in Medical Sciences Education (WWMSE)
- 2005 Marquis Who's Who in America (60<sup>th</sup> Edition; 2006)
- 2005 Chandler Distinguished Professor, Department of Otolaryngology, University of Miami School of Medicine
- 2006 Marquis Who's Who in Science and Engineering (9<sup>th</sup> edition, 2006-2007)
- 2006 Dictionary of International Biography (33<sup>rd</sup> Edition, 2006), International Biographical Centre, Cambridge, England
- 2006 Marquis Who's Who in America (61<sup>th</sup> Edition; 2007)
- 2006 Marquis Who's Who in the East (34<sup>th</sup> Edition)
- 2006 Jesse D. Gomillion Visiting Professor, Department of Otolaryngology, University of Texas Medical Branch, Galveston, TX
- 2006 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century, International Biographical Centre, Cambridge, England
- 2006 21<sup>st</sup> Century Award for Achievement, International Biographical Centre, Cambridge, England
- 2006 2<sup>nd</sup> Place, First Metropolitan New York Resident Research Day Symposium, New York, NY: Luc G. Morris, MD, Pavan S. Mallur, MD, J. Thomas Roland, Jr., MD, Susan B. Waltzman, PhD, **Anil K. Lalwani, MD**: Implication of Central Asymmetry In Speech Processing on Selecting The Ear For Cochlear Implantation

- 2006 Pappas Resident Research Award, Daly Day, Department of Otolaryngology, NYU SOM, New York, NY: Aaron Pearlman, MD, Joseph Jacobs, MD, Richard Lebowitz, MD, Anand Mhatre, PhD, **Anil K. Lalwani, MD**: Isolation of Common Respiratory Viral Pathogens in Nasal Polyps Using Polymerase Chain Reaction
- 2006 Castle Connolly Medical Ltd.: *2006 New York Metro Area Top Doctor*
- 2007 UCSF Dean's Prize for Student Research (Jolie Chang, UCSF MS IV) *TGF-beta and Runx2 Control of Bone Matrix Material Properties in Bone Disease-associated Hearing Loss*; Faculty Sponsors: Tamara Alliston, PhD and Lawrence Lustig, MD
- 2007 Honored Guest, 85<sup>th</sup> Annual Meeting of Finnish Otolaryngological Society, Helsinki, Finland
- 2007 Jahrsdoerfer Visiting Professor, Department of Otolaryngology, University of Virginia, Charlottesville, VA
- 2007 Visiting Professor, 3<sup>rd</sup> Annual Research Day, Department of Otolaryngology, Case Western Reserve University, Cleveland, OH
- 2007 Marquis Who's Who in America (62<sup>th</sup> Edition; 2008)
- 2007 *Best Doctors in America 2007-2008*
- 2007 Castle Connolly Medical Ltd.: *2007 New York Metro Area Top Doctor*
- 2008 Marquis Who's Who in America (2009)
- 2008 HAAZINU's Medical Achievement Award
- 2008 Who's Who in Science and Engineering (10<sup>th</sup> Edition)
- 2008 New York Super Doctors
- 2008 Visiting Professor, Department of Otolaryngology, University of California Davis, CA
- 2008 Hayden Lecturer, Department of Otolaryngology, Virginia Commonwealth University, Richmond, VA
- 2008 Castle Connolly Medical Ltd.: *America's Top Doctors* (8<sup>th</sup> Edition)
- 2009 New York Super Doctors

- 2009 Castle Connolly Medical Ltd.: *New York Metro Area Top Doctor (12<sup>th</sup> Edition)*
- 2009 Bobby R. Alford Department of Otolaryngology-Head & Neck Surgery  
Visiting Professor, Baylor College of Medicine, Houston, TX
- 2009 New York Magazine's *New York City's "Best Doctors"*
- 2009 Kipling's *Who's Who in Leading Business Professionals*
- 2009 Marquis *Who's Who in Medicine and Healthcare*, 2009-2010
- 2009 Research Judge, Fourth Annual Metropolitan New York Resident Research  
Day Symposium, Mount Sinai Medical Center, New York, NY
- 2009 Marquis *Who's Who in America* (2010)
- 2010 New York Super Doctors
- 2010 Castle Connolly Medical Ltd.: *America's Top Doctors (9<sup>th</sup> Edition)*
- 2010 Castle Connolly Medical Ltd.: *New York Metro Area Top Doctor (13<sup>th</sup> Edition)*
- 2010 New York Magazine's *New York City's "Best Doctors"*
- 2010 3<sup>rd</sup> Place, Poster Presentation - Case Reports Category, American Society of  
Pediatric Otolaryngology, Inc., Las Vegas, NV. Maggie Kuhn, MD & **Anil K. Lalwani, MD**: "A Large Jugular Bulb Diverticulum Impinging on the  
Ossicular Chain"
- 2010 Consumers' Research Council of America's *Top Physicians*
- 2011 *Best Doctors in America* 2011-2012

## MEMBERSHIPS

- 1987- American Academy of Otolaryngology-Head & Neck Surgery
- 1993-2008 American Society of Human Genetics
- 1993- Association for Research in Otolaryngology
- 1997- American College of Surgeons
- 1997- 2008 American Society of Gene Therapy
- 1999- American Otological Society
- 1999- American Neurotological Society
- 2002- The American Laryngological, Rhinological and Otological Society
- 2002- American Auditory Society
- 2003- Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum

2003- Society of University Otolaryngologists

## EDITORIAL BOARD

1995 - Otology & Neurotology (formerly American Journal of Otology)  
 1999 -2004 International Editorial Board, Otolaryngology—Head and Neck Surgery  
                   Reappointed 2002  
 2000 - Acta Otolaryngologica (Stockh)  
 2001 - Head & Neck, Journal for the Sciences and Specialties of the Head and Neck  
                   Reappointed 2004, 2007  
 2001 - 2006 Ear and Hearing (**Section Editor**: Otology and Medical Sciences)  
 2006 - Ear and Hearing (**Editor At-Large**)  
 2002 - Laryngoscope  
 2004 - 2009 Annals of Otology, Rhinology and Laryngology  
 2006- Archives of Otolaryngology—Head & Neck Surgery (**Associate Editor**)  
 2009- Physician Board for Otolaryngologic Clinics of North America  
 2009 Triological Society Best Practice (TrioBP), Laryngoscope (**Associate Editor**)

## AD HOC REVIEWER

Acta Oncologica  
 American Journal of Human Genetics  
 Archives of Otolaryngology—Head & Neck Surgery  
 Audiology & Neurotology  
 Cancer  
 Clinical Genetics  
 Ear and Hearing  
 European Journal of Human Genetics  
 Gene Therapy  
 Genetics in Medicine  
 Human Genetics  
 Human Molecular Genetics  
 Human Mutation  
 International Journal of Cancer  
 Journal of Comparative Neurology  
 Lancet  
 Laryngoscope  
 Molecular Neurobiology  
 New England Journal of Medicine  
 Otolaryngology—Head & Neck Surgery  
 Pediatric Pulmonology



**UNIVERSITY, MEDICAL CENTER, SPECIALTY & GOVERNMENT SERVICE***University Service: New York University School of Medicine*

2004	Member, Ad hoc Committee, Faculty Disciplinary Action
2004	Member, Ad hoc Committee, Faculty Promotion
2004	Member, Dean's Recruitment Advisory Committee
2004	Co-Chair, Smilow Neuroscience Recruitment Committee
2004	Member, Pediatric Chair Search Committee
2004	Advisory Committee, NYU General Clinical Research Center (GCRC)
2004	Member, Dermatology Chair Search Committee
2004	Member, Deanship for the Postgraduate Medical School Search Committee
2004	Member, Steering Committee on Budget
2005	Dean's Council on Institutional Diversity (Chair, Leadership Diversity Advisory Group)
2005	Member Departmental Review Committee of the Department of Surgery
2005	Member, Institutional Setting Committee - Liaison Committee on Medical Education
2006	Chair, Departmental Review Committee of the Departmental of Forensic Medicine
2006	Member, Deanship for the Postgraduate Medical School Search Committee
2007-08	Member, Pediatric Chair Search Committee
2007-08	Member, Academic Excellence Commission
2008	Chair, Ad Hoc Investigation Committee (RE: Scientific Misconduct)

*Medical Center: New York University Medical Center*

2003- 2009	Member, Executive Council of the Medical Board, NYU Medical Center
2006	Chair, Ad Hoc Committee Investigation, Department of Radiology

*Departmental Service: New York University School of Medicine*

2003- 2009	Member, Resident Selection Committee
2003- 2009	Member, Curriculum Committee
2003- 2006	Member, Head & Neck Recruitment Committee
2003- 2004	Member, Laryngology Recruitment Committee
2003- 2005	Member, Vestibular Recruitment Committee
2003- 2009	Member, Pediatric Otolaryngology Recruitment Committee
2010-	Member, Research Faculty Recruitment Committee

*Departmental Service: University of California San Francisco School of Medicine*

1994-96	Member, Budget Committee
1994- 03	Member, Resident Selection Committee
1994-96	Member, Space Committee
1996- 03	Director, Medical Student Research Electives
1998-99	Member, Executive Committee
1999- 01	Member, Finance Committee
1999	General Otolaryngology Faculty Search Committee
2000	Pediatric Otolaryngology Faculty Search Committee

*University Service: University of California San Francisco School of Medicine*

1997-2000 MD with Thesis Committee  
 1999-2000 Chair Search Committee, Dept. of Otolaryngology-Head & Neck Surgery  
 2000 Practice Management CPO  
 2001- Advisory Committee to the Pediatric Clinical Research Center  
 2001 Neuromonitoring Chief Search Committee, Department of Neurosurgery

### *Specialty Service*

1995-2003 Committee on Research in Otolaryngology, American Academy of Otolaryngology—Head & Neck Surgery  
 1998-2000 Research Committee, Deafness Research Foundation  
 1996-2003 Chairman, Research Committee, Hearing Research, Inc.  
 1998-2001 Physician Research Training Committee, Association for Research In Otolaryngology  
 1999- 2002 Hearing Subcommittee, American Academy of Otolaryngology—Head & Neck Surgery, Inc.  
 1999-2004 Research Committee, American Neurotological Society (Chair 2001-2004)  
 2001-2004 Continuing Medical Education Committee, American Neurotological Society  
 2002-2005 Program Advisory Committee, American Otological Society  
 2002-2005 Task Force on New Material, American Board of Otolaryngology  
 2002 Scientific Program Committee, American Neurotological Society  
 2003-2006 Media Relations Committee, Association for Research In Otolaryngology  
 2003-2010 Research Advisory Board, American Otological Society  
 2003- Council of Scientific Trustees, Deafness Research Foundation  
 2003- Board of Medical Advisors, The National Organization of Hearing Research Foundation  
 2005-2011 Home Study Course Faculty, American Academy of Otolaryngology—Head & Neck Surgery  
 2005-2009 Executive Council, American Neurotological Society  
 2006 Member, Executive Committee for the New Coalition on Effective Interventions For Infants and Young Children with Hearing Loss  
 2007 Scientific Program Committee, American Neurotology Society  
 2007-8 Oral Examiner, American Board of Otolaryngology  
 2007-2011 Otology and Neurotology Education Committee, American Academy of Otolaryngology—Head & Neck Surgery  
 2008 Scientific Program Committee, American Neurotology Society  
 2008-11 Otology & Neurotology Board of Directors, Representative of American Neurotology Society  
 2009-12 Out-of-State Reviewer, PA Lions' Sponsored Research Projects, Pennsylvania Lions Hearing Research Foundation, Inc.  
 2009- Intellectual Property Committee, The Triological Society  
 2009- Association of Academic Departments of Otolaryngology's (AADO) Representative to American Academy of Otolaryngology-Head & Neck Surgery (AAO-HNS)  
 2009-2011 Physician Resources Committee, American Academy of Otolaryngology-Head & Neck Surgery  
                     Chair, Scope and Subspecialty Issues Subcommittee  
 2009-2013 ARO Publication Committee, Association for Research in Otolaryngology  
                     Chair (March 2010 – February 2013)

- 2009 Resident Award Review Committee (2010), The Triological Society  
 2010-2012 Secretary & Treasurer, American Neurotology Society  
 2010-2013 Chair, Investment Oversight Committee, American Neurotology Society

#### *Government Service*

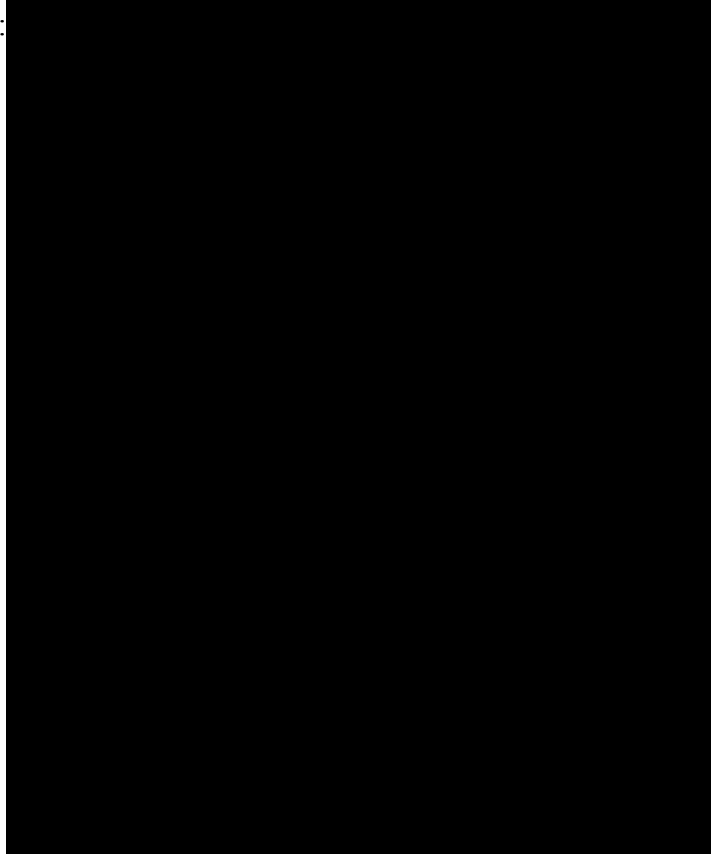
- 1997 Ad hoc, Special Emphasis Panel, Small Grants Program (R03), National Institute on Deafness & Other Communication Disorders, National Institutes of Health
- 1999 Ad Hoc Member, Integrative, Functional, and Cognitive Neuroscience (IFCN6) Study Section, National Institutes of Health
- 1999 Ad Hoc Member, Communication Disorders Review Committee (Program Project), National Institute on Deafness & Other Communication Disorders, National Institutes of Health
- 2001 Ad Hoc Member, Communication Disorders Review Committee, National Institute on Deafness & Other Communication Disorders, National Institutes of Health
- 2003-2005 Member, Communications Disorders Review Committee (CDRC), Department of Health & Human Services, National Institutes of Health (had to resign to join FDA ENT Devices Panel)
- 2004 Consultant, Ear, Nose and Throat Devices Panel of the Medical Devices Advisory Committee, Food and Drug Administration
- 2004-2005 Member, Constituent Expert Working Group on Effective Interventions for Infants and Young Children with Hearing Loss, Office on Disability, U.S. Department of Health and Human Services
- 2005 Member, Ear, Nose and Throat Devices Panel of the Medical Devices Advisory Committee, Food and Drug Administration
- 2007 Ad Hoc Member, Communications Disorders Review Committee (CDRC), Department of Health & Human Services, National Institutes of Health
- 2008 Ad Hoc Member, NIDCD Loan Repayment Plan Review Special Emphasis Panel

## TEACHING EXPERIENCE

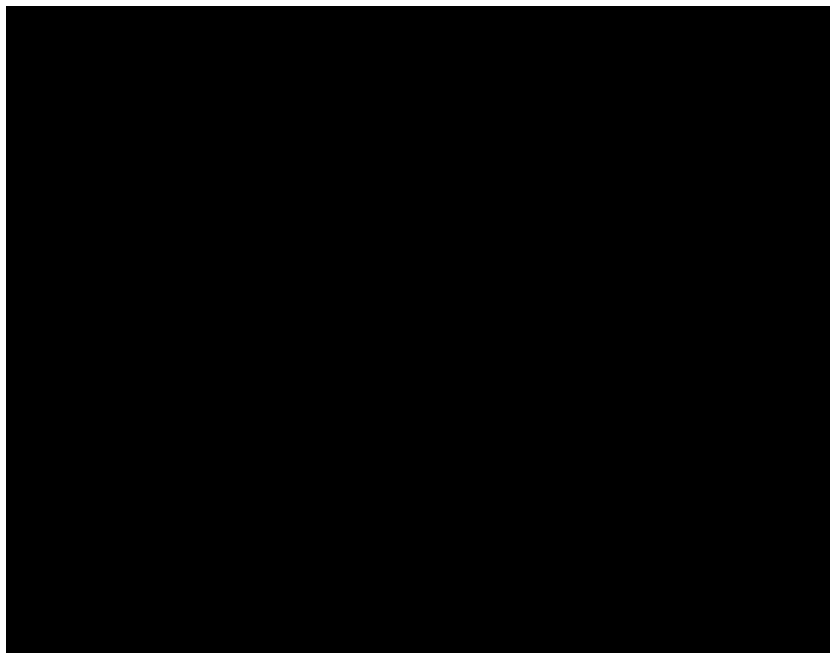
*Ph.D. Thesis Committee:*

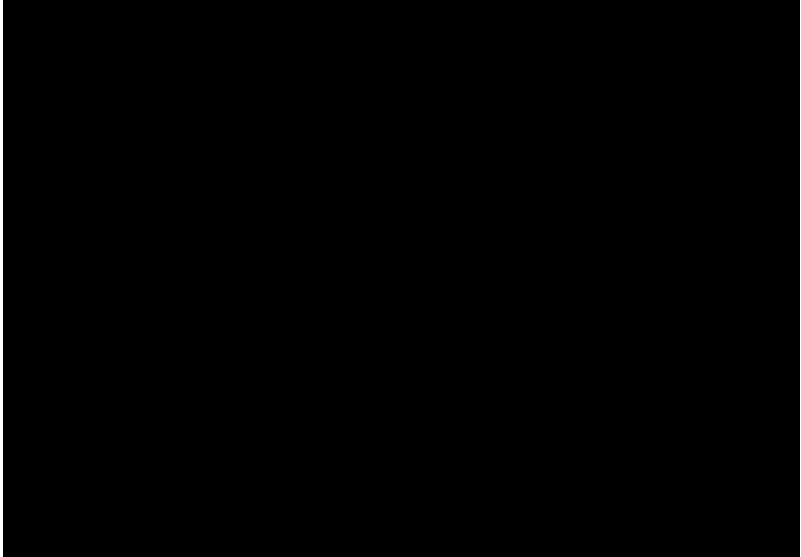


*Postdoctoral Scholars Supervised:*

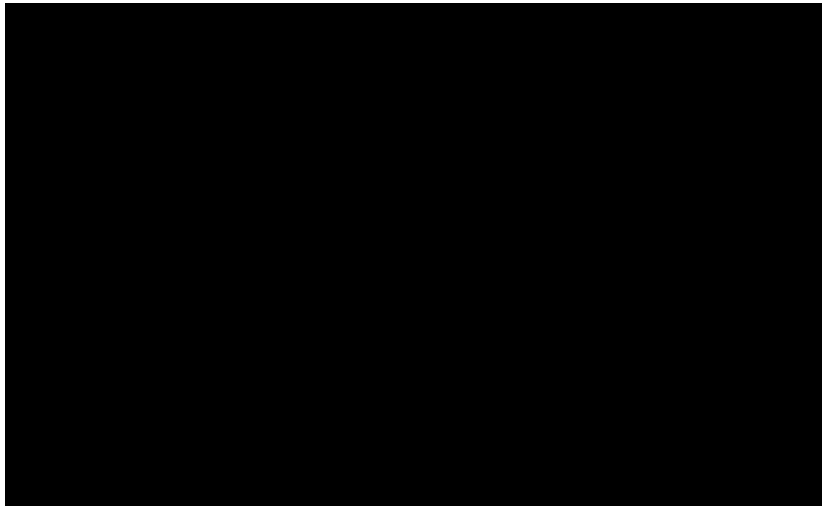


*Medical Students Supervised:*

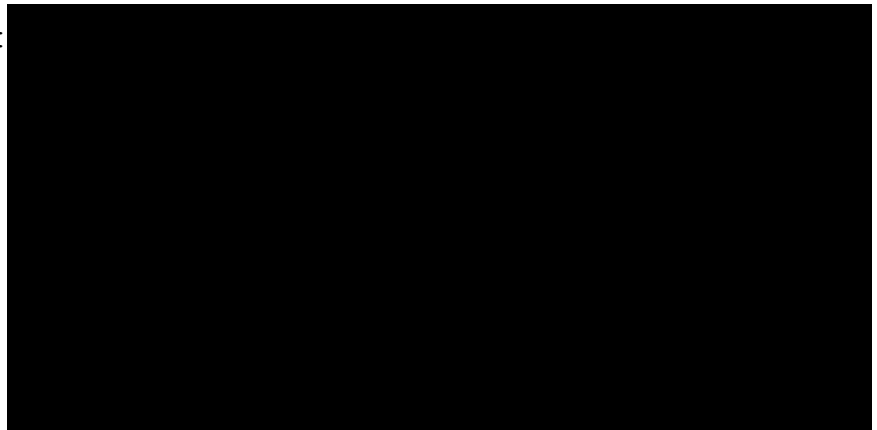




*Undergraduates Supervised:*



*High School Students Supervised:*



**POSTGRADUATE & COMMUNITY TEACHING**

- 1988            Grand Rounds, Department of Otolaryngology - Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:        Neurofibromatosis Update.
- 1988            Grand Rounds, Department of Otolaryngology - Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:        Idiopathic Hemotympanum and Cholesterol  
Granuloma in Children
- 1989            Maxillo-Facial Trauma Grand Rounds  
San Francisco General Hospital.  
PRESENTATION:        Zygomatic Complex Fractures
- 1989            Surgical Grand Rounds, Department of Surgery  
University of California, San Francisco  
PRESENTATION:        Mediastinitis
- 1990            Grand Rounds, Department of Otolaryngology - Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:        Laryngeal Trauma
- 1990            Grand Rounds, Department of Otolaryngology - Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:        Embolization for Recurrent Epistaxis
- 1991            Grand Rounds, Department of Neurological Surgery  
University of California, San Francisco  
PRESENTATION:        Encephalocele and CSF Otorrhea
- 1991            The San Francisco Otology Update: 1991  
Dept of Otolaryngology-Head & Neck Surgery, UCSF  
San Francisco, California  
PRESENTATION:        Facial Nerve Imaging
- 1991            The San Francisco Otology Update: 1991  
Dept of Otolaryngology-Head & Neck Surgery, UCSF  
San Francisco, California  
PRESENTATION:        Meningiomas, Epidermoids, and Other Tumors of  
the IAC and CPA
- 1992            Grand Rounds, Department of Neurological Surgery  
University of California, San Francisco  
PRESENTATION:        Non-Acoustic Tumors of the Cerebellopontine Angle
- 1993            The San Francisco Otology Update: 1993  
Dept of Otolaryngology-Head & Neck Surgery, UCSF

San Francisco, California

PRESENTATION: Otologic and Neurotologic Manifestations of AIDS

1994 Grand Rounds, Department of Otolaryngology—Head and Neck Surgery  
University of Mississippi Medical Center, Jackson, MS

PRESENTATION: FN Outcome Following Acoustic Neuroma Surgery

1994 Intramural Research Seminar  
National Institute on Deafness and Other Communication Disorders

PRESENTATION: Genetics of Deafness

1994 Grand Rounds, Department of Otolaryngology—Head and Neck Surgery  
University of Pennsylvania Medical Center, Philadelphia, PA  
Johns Hopkins University Medical School, Baltimore, MD  
University of Michigan Medical School, Ann Arbor, MI  
Henry Ford Hospital, Detroit, MI

University of California San Francisco, San Francisco, CA

PRESENTATION: Adventures in Molecular Otology: In Search of Genes That Cause Deafness

1994 Grand Rounds, Department of Neurological Surgery  
University of California, San Francisco

PRESENTATION: Neurotologic Examination

1994 Medical Genetics Research Conference, Department of Pediatrics  
University of California, San Francisco

PRESENTATION: Waardenburg Syndrome

1994 UC Otolaryngology Update: 1994  
San Francisco, California

PRESENTATION: Hearing Loss in Children—Evaluation and Management

1995 Grand Rounds, Department of Otolaryngology—Head & Neck Surgery  
University of California, San Francisco

PRESENTATION: Hereditary Hearing Impairment

1995-2009 American Academy of Otolaryngology—Head & Neck Surgery  
New Orleans, LA

INSTRUCTIONAL COURSE: Molecular Genetics for the Otolaryngologist

1995 UC Otology and Neurotology Update: 1995  
San Francisco, California

PRESENTATION: Pediatric Cholesteatoma

PRESENTATION: How I Evaluate a Child With SNHL

1995 Cleft Palate Care for the '90s — A Symposium  
San Francisco, California

PRESENTATION: The Cleft Palate Ear

- 1996-2000      Growth and Development 120, Department of Growth and Development  
School of Dentistry, San Francisco, California  
PRESENTATION:      The Auditory Apparatus
- 1996            Grand Rounds, Department of Otolaryngology—Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:      Gene Therapy
- 1996            UC Otolaryngology Update: 1996  
San Francisco, California  
PRESENTATION:      Genes and Hearing Loss
- 1994-01        Surgery S110 Course, UCSF School of Medicine  
San Francisco, California  
PRESENTATION:      The Ear
- 1997            Grand Rounds, Department of Otolaryngology—Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:      Laboratory of Molecular Otology- Research Update
- 1997            UCSF Medical School  
PRESENTATION:      Frontiers in Otolaryngology
- 1997            Grand Rounds, Department of Otolaryngology—Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION:      Aural Atresia: Classification, Treatment, Surgical  
Technique, & Outcome
- 1997            John Muir Medical Center  
Walnut Creek, CA  
PRESENTATION:      Universal Infant Hearing Screening and Childhood  
Hearing Loss
- 1997            Special Lecture Series, Department of Medicine  
UCSF-Fresno Medical Center, Fresno, CA  
PRESENTATION:      The Dizzy Patient
- 1997            Fresno VA Medical Center  
Fresno, CA  
PRESENTATION:      The Dizzy Patient
- 1998            Digital Technology Applications for Adults with Severe and Profound HL  
UCSF, San Francisco, CA  
PRESENTATION        Medical Issues in Hearing Loss



- 1998-2010 American Academy of Otolaryngology—Head & Neck Surgery  
San Francisco, CA  
INSTRUCTIONAL COURSE: Pediatric Otology and Neurotology
- 1998 UC Otology and Neurotology Update  
San Francisco, CA  
PRESENTATION: How I Evaluate A Child With SNHL  
PRESENTATION: Pediatric Cochlear Implantation  
PRESENTATION: Aural Atresia: When and How
- 1999 Rehabilitation of Hearing Impairment  
University of California and Advanced Bionics Corporation  
San Francisco, CA  
PRESENTATION: Cochlear Implantation
- 2000 UC Otolaryngology Update  
San Francisco, CA  
PRESENTATION: Impact of Molecular Genetic Research on the Practice of Otology
- 2000 Technological Advancements in Cochlear Implants  
University of California and Advanced Bionics Corporation  
Livermore, CA  
PRESENTATION: Surgical Aspects of Cochlear Implantation
- 2000 UCSF OTO-HNS Grand Rounds  
San Francisco, CA  
PRESENTATION: Basics of Molecular Genetics
- 2000 UCSF School of Medicine: Anatomy 103  
San Francisco, CA  
PRESENTATION: The Auditory System
- 2000 UC Otology and Neurotology Update  
San Francisco, CA  
PRESENTATION: Special Considerations in Pediatric Cholesteatoma  
PRESENTATION: Cochlear Implants: The State of the Art in Y2K  
PRESENTATION: How Molecular Genetics Will Change Our Management of Ear Disease
- 2001 Bernstein's Otolaryngology Update  
Honolulu and Maui, HI  
PRESENTATION: Evaluating a Child with a Hearing Loss  
PRESENTATION: Imaging the Temporal Bone: CT vs. MRI  
PRESENTATION: Cholesteatoma Surgery: Canal UP or DOWN  
PRESENTATION: Contemporary Management of Vertigo  
PRESENTATION: Mastoid Surgery Complications: Management  
PRESENTATION: Cochlear Implants: Update

- 2001 UCSF Otolaryngology Update  
San Francisco, CA  
PRESENTATION: Molecular Surgery in Otology
- 2001 Grand Rounds, Department of Otolaryngology—Head & Neck Surgery  
University of California, San Francisco  
PRESENTATION: Childhood Hearing Loss
- 2002 Grand Rounds, Department of Pediatrics  
San Francisco General Hospital, San Francisco, CA  
PRESENTATION: Hearing Loss in Children-Evaluation & Management
- 2002 Special Lecture Series, Department of Pediatrics  
UCSF-Fresno Medical Center, Fresno, CA  
PRESENTATION: Childhood Hearing Loss  
PRESENTATION: Case Presentations
- 2002 UCSF Brown Bag Lecture Series  
University of California, San Francisco  
PRESENTATION: What's New in Cochlear Implantation?
- 2002 UCSF Otology and Neurotology Update  
San Francisco, CA  
PRESENTATION: How I Evaluate a Child with Hearing Loss  
PRESENTATION: Role of Facial Nerve Monitoring in Middle Ear and Mastoid Surgery  
PRESENTATION: Cochlear Implant Update
- 2003 UCSF Department of Neurology Grand Rounds  
San Francisco, CA  
PRESENTATION: Genetics of Childhood Hearing Loss  
PRESENTATION: Cochlear Implantation
- 2003 NYU Department of Otolaryngology  
New York, NY  
PRESENTATION: Hearing Loss in Children
- 2003 NYU Open Forum on Cochlear and Brain Stem Implantations  
New York, NY  
PRESENTATION: Surgical Considerations in Cochlear Implantation
- 2003 Grand Rounds, Department of Neurology  
NYU School of Medicine  
PRESENTATION: Cochlear Implant Update

- 2003      2<sup>nd</sup> Annual NYU Cochlear Implant Symposium and Practicum  
Post Graduate Course  
New York, NY  
PRESENTATION:      Genetics of Hearing Loss
- 2003      NYU & DRF Citizens Research Conference: Advancements in Hearing  
Research & Technology  
New York, NY  
PRESENTATION:      Hearing Loss
- 2004      NYU Department of Pediatrics Grand Rounds  
New York, NY  
PRESENTATION:      Hearing Loss in Children
- 2004      NYU Faculty Council  
New York, NY  
PRESENTATION:      Department of Otolaryngology: The Next 5 Years
- 2004      Surgery Club, NYU School of Medicine  
New York, NY  
PRESENTATION:      Convoluted Path to a Successful Academic Career
- 2004      NYU Open Forum on Cochlear and Brain Stem Implants  
New York, NY  
PRESENTATION:      Hearing Loss  
PRESENTATION:      Cochlear Implant Surgery
- 2004      Brooklyn Community Center  
Brooklyn, NY  
PRESENTATION:      Hearing Loss  
PRESENTATION:      Cochlear Implant Surgery
- 2005      NYU Alumni Day CME Program  
New York, NY  
PRESENTATION:      New Surgical Technologies at the NYU SOM—  
Cochlear Implants
- 2005      Department of Physical Therapy, Weekly Rounds  
New York, NY  
PRESENTATION:      Genetic Contribution to Vestibular Disorders
- 2005      NYU Child Study Center  
New York, NY  
PRESENTATION:      Cochlear Implantation: An Overview
- 2006      ENT for the Non-Otolaryngologist  
New York, NY  
PRESENTATION:      Hearing Loss and its Management

- 2006 NYU Otolaryngology Grand Rounds  
New York, NY  
PRESENTATION: Temporal Bone Trauma
- 2007 NYU Family Medicine Residency Educational Rounds  
New York, NY  
PRESENTATION: Hearing Loss in Adults
- 2007 NYU SCENT Club  
New York, NY  
PRESENTATION: Otolaryngology as a Career
- 2007 NYU Department of Pediatrics Grand Rounds  
New York, NY  
PRESENTATION: Pediatric Cochlear Implantation
- 2008 NYU Otolaryngology Teaching Conference  
New York, NY  
PRESENTATION: Childhood Hearing Loss
- 2008 NYU Otolaryngology Teaching Conference  
New York, NY  
PRESENTATION: Temporal Bone Cancer
- 2008 NYU Department of Neurosurgery Grand Rounds  
New York, NY  
PRESENTATION: Basics of Neurotology
- 2008 American Academy of Otolaryngology—Head & Neck Surgery  
New Orleans, LA  
INSTRUCTIONAL COURSE: Paragangliomas of the Head and Neck
- 2008 NYU Department of Otolaryngology Grand Rounds  
New York, NY  
PRESENTATION: Basic Molecular Genetics for the Otolaryngologist
- 2008 NYU Primary Care Internal Medicine Residency Program  
New York, NY  
PRESENTATION: Hearing Loss
- 2008 NYU Department of Otolaryngology  
New York, NY  
PRESENTATION: Radiology of Childhood SNHL
- 2008 NYU Department of Otolaryngology  
New York, NY  
PRESENTATION: Interesting Otology/Neurotology Cases

- 2009           Hearing Loss Association of America (Manhattan Chapter)  
New York, NY  
PRESENTATION:       Cochlear Implant Update 2009
- 2009           NYU Department of Otolaryngology  
New York, NY  
JOURNAL CLUB:       Superior Semicircular Canal Dehiscence
- 2009           NYU Department of Otolaryngology  
New York, NY  
PRESENTATION:       Genetics of Hearing Loss
- 2009           NYU Department of Otolaryngology Bellevue Teaching Conference  
New York, NY  
PRESENTATION:       Interesting Cases
- 2009           NYU Department of Otolaryngology Teaching Conference  
New York, NY  
PRESENTATION:       Management of Vestibular Schwannoma
- 2009           NYU Department of Otolaryngology Grand Rounds  
New York, NY  
PRESENTATION:       Molecular Therapy in Otology
- 2010           American Academy of Otolaryngology—Head & Neck Surgery  
Boston, MA  
INSTRUCTIONAL COURSE: Paragangliomas of the Head and Neck

**PRESENTATIONS BEFORE SCIENTIFIC SOCIETIES**

- 1988            Bay Area Residents' Research Symposium  
Oakland, California  
POSTER:                            Mediastinal Complications of Head and Neck  
Infections
- 1988            American Academy of Otolaryngology-Head and Neck Surgery  
Washington, DC  
POSTER:                            Idiopathic Hemotympanum and Cholesterol  
Granuloma in Children
- 1988            American Academy of Otolaryngology-Head and Neck Surgery  
Washington, DC  
POSTER:                            The Role of Flexible Endoscopy in the Management  
of Acute Airway Obstruction
- 1989            Bay Area Residents' Research Symposium  
Oakland, California  
PRESENTATION:                Indium-Labeled WBC Scans in Head and Neck Surgery
- 1989            Bay Area Residents' Research Symposium  
Oakland, California  
PRESENTATION:                The Changing Face of Cervical Tuberculosis
- 1989            Pacific Coast Oto-Ophthalmological Society  
Kauai, Hawaii  
PRESENTATION:                The Role of 111-Indium Labeled WBC Scan in the  
Early Diagnosis of Mediastinal and Thoracic  
Extension of Cervical Necrotizing Fasciitis
- 1989            American Academy of Otolaryngology-Head and Neck Surgery  
New Orleans, Louisiana  
POSTER:                            Oropharyngeal Ulceration in AIDS Patients  
Secondary to Cytomegalovirus Infection
- 1989            American Academy of Otolaryngology-Head and Neck Surgery  
New Orleans, Louisiana  
POSTER:                            Deep Neck Abscess: An Unusual Presentation of  
Secondary Syphilis
- 1989            American Academy of Otolaryngology-Head and Neck Surgery  
New Orleans, Louisiana  
POSTER:                            Chondrosarcoma of the Temporal Bone: An  
Unusual Presentation and Advances in Treatment
- 1989            American Rhinologic Society  
Annual Meeting, New Orleans, Louisiana

- PRESENTATION: Paranasal Sinus Leiomyosarcoma Following Cyclophosphamide and Irradiation
- 1990 American Laryngological, Rhinological and Otological Society  
Western Section, Pebble Beach, California  
PRESENTATION: Indium-Labeled WBC Scans in Head and Neck Surgery
- 1990 Bay Area Residents' Research Symposium  
Oakland, California  
PRESENTATION: Lectin Binding Characteristics of Human SCC
- 1990 Pacific Coast Oto-Ophthalmological Society  
Vancouver, British Columbia, Canada  
PRESENTATION: The Changing Face of Cervical Tuberculosis
- 1990 American Rhinologic Society  
Annual Meeting, San Diego, California  
PRESENTATION: Nasal Manifestations of Lepromatous Leprosy
- 1991 North American Skull Base Society  
Annual Meeting, Lake Buena Vista, Florida  
PRESENTATION: The Transsphenoidal Approach to the Superior Clivus: Indication, Operative Technique, and Results
- 1991 American Academy of Otolaryngology-Head and Neck Surgery  
Kansas City, Kansas  
POSTER: Benign Congenital Cystic Teratoma of Tongue
- 1991 American Academy of Otolaryngology-Head and Neck Surgery  
Kansas City, Kansas  
POSTER: Actinomycosis of the External Auditory Canal
- 1991 Copenhagen Acoustic Neuroma Conference  
Copenhagen, Denmark  
PRESENTATION: Preoperative Differentiation Between Acoustic Neuroma and Meningioma of the Cerebellopontine Angle
- 1992 American Skull Base Society (3rd Annual Meeting)  
Acapulco, Mexico  
PRESENTATION: Venous Restrictive Disease in Transverse/Sigmoid Sinus Dural Arteriovenous Fistulas
- 1992 North American Skull Base Society (3rd Annual Meeting)  
Acapulco, Mexico  
POSTER: Radiation-Induced Fibrosarcoma Arising in a Glomus Tumor
- 1992 American Rhinologic Society, Annual Meeting

Palm Desert, California

- PRESENTATION: <sup>111</sup>Indium-Labeled Leukocyte Scan in Diagnosis of Occult Sinus Infection
- 1992 American Academy of Otolaryngology—Head & Neck Surgery  
Washington, DC  
PRESENTATION: Preoperative Differentiation Between Acoustic Neuroma and Meningioma of the Cerebellopontine Angle Using MRI
- 1992 Waardenburg Consortium, American Society of Human Genetics  
San Francisco, CA  
PRESENTATION: Update on typing of Waardenburg Syndrome, Type 1 and Type 2, Families
- 1993 American Academy of Otolaryngology—Head & Neck Surgery  
Minneapolis, MN  
PRESENTATION: Facial Nerve Outcome Following Acoustic Neuroma Surgery
- 1993 Waardenburg Consortium, American Society of Human Genetics  
New Orleans, LA  
PRESENTATION: Mutations in Waardenburg Syndrome Families
- 1993 American Society of Human Genetics  
New Orleans, LA  
POSTER: A Family With New X-linked Nonsyndromic Sensorineural Hearing Loss
- 1993 American Society of Human Genetics  
New Orleans, LA  
POSTER: Locus Heterogeneity for Waardenburg Syndrome is Not Predictive of Clinical Subtypes
- 1993 NIH Research Festival  
Bethesda, MD  
POSTER: Linkage Studies on a Family With Novel X-linked Nonsyndromic Sensorineural Hearing Loss
- 1994 Association For Research in Otolaryngology  
St. Petersburg Beach, Florida  
POSTER: A Novel X-linked Nonsyndromic Sensorineural Hearing Loss Linked to Duchenne Muscular Dystrophy Locus
- 1994 American Neurotologic Society  
Palm Spring, FL



- PRESENTATION: Delayed Facial Nerve Palsy Following Acoustic Neuroma Surgery
- 1994 Society of Magnetic Resonance, Second Meeting  
San Francisco, CA  
PRESENTATION: Cortical Regions Involved in Processing Written English and American Sign Language by Hearing and Deaf Subjects: A Functional MRI Study at 4 Tesla
- 1994 Society of Neuroscience, Annual Meeting  
Miami Beach, FL  
POSTER: Sentence Reading: A 4T fMRI Study of Cortical Regions Active During an English Reading Task
- 1994 Society of Neuroscience, Annual Meeting  
Miami Beach, FL  
POSTER: Biological Constraints and Effects of Experience on Cortical Organization for Language: An fMRI Study of Sentence Processing in English and American Sign Language (ASL) by Deaf and Hearing Subjects
- 1994 The American Society of Human Genetics  
Montreal, Canada  
PRESENTATION: A New Locus for Type 2 Waardenburg Syndrome Maps to 1p13.3-2.1
- 1994 American Academy of Otolaryngology—Head & Neck Surgery  
San Diego, CA  
PRESENTATION: Phenotypic Expression of Mutations Within the Homeodomain of PAX3 Causing Type 1 Waardenburg Syndrome
- 1995 2nd International Conference on Acoustic Neuroma Surgery  
Paris, France  
PRESENTATION: Familial Unilateral Acoustic Neuroma. A New Hereditary Syndrome or an Incomplete Form of NF2
- 1995 The American Laryngological, Rhinological and Otological Society  
Palm Desert, CA  
PRESENTATION: Growth Rate Characteristics of Acoustic Neuromas (ANs) Associated with NF2.
- 1995 American Academy of Otolaryngology—Head & Neck Surgery  
New Orleans, LA

- PRESENTATION: Cloning of the Guinea Pig  $\alpha$ ENaC, A Subunit of the Epithelial Sodium Channel, and Analysis of its Sequence and Expression in the Organ of Corti
- 1995 American Academy of Otolaryngology—Head & Neck Surgery  
New Orleans, LA  
POSTER: Characterization of the Guinea Pig Organ of Corti cDNA Library for Expression of AE Gene Family and Cloning and Sequence Analysis of its Most Abundant Member AE2
- 1995 The American Society of Human Genetics  
Minneapolis, MN  
POSTER SYMPOSIA: In Vivo Gene Therapy for Hearing Disorders  
POSTER: Familial Unilateral Acoustic Neuroma  
POSTER: Identification of a New Locus for Recessive Nonsyndromic Hereditary Hearing Impairment
- 1995 Molecular Biology of Hearing and Deafness  
Washington, DC  
PRESENTATION: Development of in vivo Gene Therapy for Hearing Disorders: Introduction of Adeno-Associated Virus into the Cochlea of Guinea Pig  
POSTER: Identification of a Preferentially Expressed cDNA Clone From a Guinea Pig Organ of Corti Derived cDNA Library  
POSTER: Three Mutations in the Paired Homeodomain of PAX3 That Causes Waardenburg Syndrome Type 1
- 1996 The American Society of Human Genetics  
San Francisco, CA  
POSTER: Long Term Transgene Expression Within Guinea Pig Cochlea Using Adeno-Associated Virus Vector  
POSTER: Genetic Linkage Analysis in a Multigenerational Family With Hereditary Non-Chromaffin Paragangliomas
- 1996 European Work Group on Genetic of Hearing Impairment  
Milano, Italy  
PRESENTATION: Cochlear Gene Therapy
- 1997 Western Section Meeting, The Triological Society  
Tucson, AZ  
PRESENTATION: Perioperative Management of von Willebrand's Disease in Otolaryngologic Surgery
- 1997 Association for Research in Otolaryngology  
St. Petersburg Beach, FL

- PRESENTATION: Identification and Characterization of Aquaporin 2 in the Rat Inner Ear
- PRESENTATION: The Effect of Cochleostomy and Intracochlear Infusion on Frequency Specific Auditory Brainstem Response
- PRESENTATION: Green Fluorescent Protein as a Reporter for Gene Transfer Studies Into the Cochlea of a Guinea Pig
- PRESENTATION: Long Term In Vivo Expressin of a Transgene Within the Guinea Pig Cochlea Introduced Via AAV
- 1997 American Neurotology Society  
Scottsdale, AZ  
PRESENTATION: Audiologic Presentation of Vestibular Schwannomas (VS) In NF2
- 1997 The Triological Society  
Scottsdale, AZ  
PRESENTATION: Genetic Screening of the NF2 Gene in Patients with Familial Unilateral Acoustic Neuroma
- 1997 American Otological Society  
Scottsdale, AZ  
PRESENTATION: The Clarion Multistrategy Cochlear Implant: Surgical Technique, Complications and Results
- 1997 American Academy of Audiology  
Salt Lake City, Utah  
POSTER: Reimplantation: STORZ to Clarion Cochlear Implant
- 1997 American Academy of Otolaryngology—Head & Neck Surgery  
San Francisco, CA  
POSTER: Sensorineural Hearing Loss, Early Greying and Essential Tremor: A Hereditary Syndrome
- POSTER: Post-transplant Lymphoproliferative Disorder Presenting in the Head & Neck
- PRESENTATION: Germline Screening of the NF-2 Gene in Families with Unilateral Vestibular Schwannoma (First Place Resident Clinical Science Award, Paul H. Bikhazi, MD)
- POSTER: The Efficacy of Adeno-Associated Virus Mediated Introduction of Brain Derived Nerve Growth Factor in Preventing Neural Degeneration Following Aminoglycoside-Induced Ototoxicity in the Guinea Pig
- 1997 American Society of Human Genetics  
Baltimore, MD  
POSTER: A Gene For Recessive Nonsyndromic Sensorineural Hearing Impairment (DFNB18) Maps to the Chromosomal Region Containing the USH1C gene

- 1998 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
PRESENTATION: Identification of Aquaporin 4 in the Rat Cochlea and Assessment of Auditory Function in Aquaporin 4 Gene Knock-Out Mice Ear
- PRESENTATION: Intracochlear Infusion of Recombinant Adeno-Associated Virus: Analysis of its Dissemination to Near and Distant Tissues
- PRESENTATION: Liposome Mediated Gene Transfer in the Guinea Pig Cochlea
- 1998 American Neurotology Society  
Palm Beach, FL  
PRESENTATION: Expression of Adeno-Associated Virus Integrated Transgene Within the Mammalian Vestibular Organ (NICHOLAS TOROK VESTIBULAR AWARD)
- 1998 American Society of Pediatric Otolaryngology  
Palm Beach, FL  
PRESENTATION: Auditory and Facial Nerve Dysfunction in Patients with Hemifacial Microsomia
- 1998 Gene Therapy Core Center, UCSF  
San Francisco, CA  
PRESENTATION: Current Issues in Cochlear Gene Therapy
- 1998 Bay Area Resident Research Symposium  
Oakland, CA  
PRESENTATION Genetic Screening of the NF2 Gene in Families With Unilateral Vestibular Schwannoma
- 1998 American Society of Gene Therapy  
Seattle, WA  
POSTER: Lentivirus Mediated Gene Transfer In The Guinea Pig Cochlea
- POSTER: Cationic Liposome-Mediated Gene Transfection In The Guinea Pig Cochlea Using Reporter Gene Green Fluorescent Protein
- POSTER: Use Of Cochlear Organotypic Culture System For Assessing Utility Of Lentivirus As A Gene Transfer Vector In Cochlear Gene Therapy
- 1998 The Molecular Biology of Hearing and Deafness  
Bethesda, MD

- PRESENTATION: Intracochlear Gene Therapy: The Relative Safety of Four Different Gene Transfer Vectors
- POSTER: Lentivirus Mediated Gene Transfer in the Guinea Pig Cochlea
- POSTER: DFNA17: A New Locus For Nonsyndromic Hearing Loss Maps to Chromosome 22
- 1999 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
PRESENTATION: Effects of AAV-Mediated Expression of BDNF Gene Upon Spiral Ganglion Neurons Following Ototoxic Insult
- 1999 European Work Group on Genetic of Hearing Impairment  
Venizia, Italy  
PRESENTATION: AAV and Lentivirus Mediated Gene Transfer in the Cochlea
- 1999 American Neurotologic Society  
Palm Desert, CA  
PRESENTATION: Familial Paraganglioma: The Empact of Molecular Genetics on Evaluation and Treatment
- 1999 American Academy of Otolaryngology-Head & Neck Surgery  
New Orleans, CA  
PRESENTATION: Nonviral Intracochlear Gene Therapy
- 1999 American Society of Human Genetics  
San Francisco, CA  
POSTER: A Novel Nonsyndromic Recessive Form of Deafness Maps to 4q28 and Demonstrates Incomplete Penetrance
- 2000 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
PRESENTATION: Adeno-Associated Virus Mediated Gene Transfer Into the Mouse Cochlea
- PRESENTATION: In Vivo Intracochlear Transgene Delivery: Its Effect Upon Auditory Function and Structure
- PRESENTATION: The Rat Gamma EnaC, A Subunit of the Epithelial Sodium Channel: cDNA Cloning and In Situ Localization in the Cochlea
- PRESENTATION: Clinical Identification of a Large 5 Generation Family With Autosomal Dominant Sensorineural Hearing Loss
- 2000 The Triological Society  
Orlando, FL

- PRESENTATION: Lateral Semicircular Canal Malformation is Associated with SNHL and CHL
- POSTER: Role of Angiography in the Evaluation of Patients with Pulsatile Tinnitus
- 2000 13<sup>th</sup> Annual Meeting, Major Issues in Prion Research  
San Francisco, CA
- 2000 PRESENTATION: Auditory Dysfunction in Transgenic PrP<sup>c</sup> Mice  
American Academy of Otolaryngology-Head & Neck Surgery  
Washington, DC
- PRESENTATION: Detection of Fungi in the Nasal Mucosa Using Polymerase Chain Reaction
- PRESENTATION: Postoperative Infections Following Cochlear Implantation: A Conservative Management Strategy
- 2001 Western Section, The Triological Society, Carlsbad, CA
- PRESENTATION: Vestibular Aqueduct As a Portal of Bacterial Entry Into the Inner Ear in Meningitis
- PRESENTATION: The Value of Enhanced MRI in the Evaluation of Endocochlear Disease
- 2001 Association for Research in Otolaryngology, St. Petersburg Beach, FL
- PRESENTATION: Human Nonsyndromic Hereditary Deafness DFNA17 is Due to Mutation in Nonmuscle Myosin MYH9
- PRESENTATION: Mutation Analysis of PGL1 in Sporadic and Familial Head and Neck Paraganglioma
- POSTER: Intracochlear Delivery of Therapeutic Agent Through an Intact Round Window Membrane in Mouse
- POSTER: Further Dissection of the DFNA2 Locus: Is There a Third Gene?
- 2001 The Triological Society  
Palm Desert, CA
- PRESENTATION: Utility of Laboratory Evaluation in the Diagnostic Evaluation of Children with Sensorineural Hearing Loss
- 2001 IX<sup>th</sup> International Facial Nerve Symposium  
San Francisco, CA
- PRESENTATION: Facial Nerve Monitoring in Middle Ear and Mastoid Surgery
- 2001 American Academy of Otolaryngology-Head & Neck Surgery  
Denver, CO
- PRESENTATION: Connexin 26 Mutations in Cochlear Implant Recipients: Prevalence and Outcomes
- PRESENTATION: Role of Fungi in Acute and Serous Otitis Media

- PRESENTATION: Rapid and Sensitive PCR Assay for the Detection of Nasal Pathogen Bipolaris
- POSTER: The Use of Preyer's Reflex in Evaluating Hearing in Experimental Mice
- POSTER: Role of DNA Viruses in the Etiology of Benign Parotid Tumors
- 2001 American Academy of Pediatrics  
San Francisco, CA  
PRESENTATION: Ocular Findings are Common in Children with Sensorineural Hearing Loss
- 2002 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
PRESENTATION: Characterization of Prion Protein (PrP)-Induced Hearing Loss and Its Pathophysiology in Transgenic Mice
- 2002 American Academy of Otolaryngology-Head & Neck Surgery  
San Diego, CA  
PRESENTATION: CT Measurements Are Crucial in Diagnosis of Inner Ear Malformations  
POSTER: Clinical Manifestations of Mutations in CX26  
POSTER: Significance of House-Brackmann Facial Nerve Grading Global Score in the Setting of Differential Facial Nerve Function
- 2002 UCSF 3<sup>rd</sup> Annual Clinical Research Symposium  
San Francisco, CA  
POSTER: Cochlear Implant Outcomes in Older Patients
- 2003 Western Section, The Triological Society  
Indian Wells, CA  
PRESENTATION: Otolaryngologic Manifestations of Cleidocranial Dysplasia, Concentrating on Audiologic Findings
- 2003 Association for Research in Otolaryngology  
Daytona Beach, FL  
PRESENTATION: Effect of Overexpression of Cu/Zn Superoxide Dismutase on Noise- and Age-Related Hearing Loss  
PRESENTATION: The FGF Antagonist Sef is Expressed in the Auditory System and May be Required for Hearing  
PRESENTATION: Cloning and Developmental Expression of Nonmuscle Myosin IIA (MYH9) in the Mammalian Inner Ear
- 2003 The Triological Society  
Nashville, TN

- POSTER: Identification of Previously 'Undetectable' Abnormalities of the Bony Labyrinth with CT Measurement
- POSTER: Quantitative Analysis of Fungal DNA in Chronic Rhinosinusitis
- 2003 American Neurotology Society  
Nashville, TN  
PRESENTATION: Cochlear Implantation in the Elderly
- 2004 VIII International Cochlear Implant Conference  
Indianapolis, IN  
PRESENTATION: Expanding Candidacy for Cochlear Implantation  
POSTER: Soft Signs and Reimplantation of Cochlear Implant Failures in Children
- 2004 American Academy of Otolaryngology- Head & Neck Surgery  
New York, NY  
POSTER: Immunohistochemical Detection of Hypoxia-Induced Factor-Alpha in Endolymphatic Sac Tumors
- 2005 American Society of Neuroradiology, 43<sup>rd</sup> Annual Meeting  
Toronto, Ontario, Canada  
PRESENTATION: Two Measurements on Temporal Bone CT Increase Recognition of Inner Ear Malformation and Predict Sensorineural Hearing Loss  
PRESENTATION: The Cochlear - Carotid Interval: Anatomic Variation And Potential Clinical Implications
- 2006 Association for Research in Otolaryngology  
Baltimore, MD  
POSTER: Myh9 in the Mammalian cochlea: Localization Within the Stereocilia  
POSTER: Generation and Characterization of Mice with Myh9 Deficiency
- 2006 American Otological Society  
Chicago, IL  
PRESENTATION: Outcomes in Speech Perception Following Left and Right-Sided Cochlear Implantation
- 2006 First Metropolitan New York Resident Research Day Symposium  
New York, NY  
PRESENTATION: Implication of Central Asymmetry in Speech Processing on Selecting the Ear for Cochlear Implantation



- 2006 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum  
Moscow, Russia  
PRESENTATION: In Search of MYH9, MYH10, and MYH14 Splice Variants in the Mammalian Cochlea
- 2007 Section Meetings, Triological Society  
Marco Island, FL  
PRESENTATION: Isolation of a Common Respiratory Viral Pathogen in Nasal Polyps Using Polymerase Chain Reaction  
PRESENTATION: Cochlear implantation in children with CHARGE syndrome: therapeutic decisions and outcomes  
POSTER: The Impact of the Size of Auditory Nerve at Base of Cochlea on Cochlear Implantation Outcome
- 2007 American Neurotology Society (42<sup>nd</sup> Annual Spring Meeting)  
San Diego, CA  
PRESENTATION: Steroid Responsive Auditory Neuropathy/Dys-Synchrony is Suggestive of CNS Pathology  
PRESENTATION: Auditory Benefits of Bilateral Sequential Cochlear Implantation in Children and Adults
- 2007 2<sup>nd</sup> Annual Metropolitan New York Resident Research Day Symposium  
New York, NY (Cornell)  
PRESENTATION: Impact of Size of Auditory Nerve at Base of Cochlea on Cochlear Implantation Outcome  
PRESENTATION: Auditory Benefits of Bilateral Sequential Cochlear Implantation in Children and Adults
- 2007 Video Vision Conference, CUNY  
New York, NY  
PRESENTATION: Using Video in the Study of Deaf Children with Cochlear Implants: The Role of Verbal and Non-Verbal Behavior
- 2008 111<sup>th</sup> Annual Meeting of The Triological Society  
Orlando, FL  
PRESENTATION: Predictors of Cochlear Implant Outcomes in Families with Multiple Implant Recipients  
POSTER: Aquaporin 4, But Not Aquaporin 2, May Play a Role in the Etiology of Meniere's Disease
- 2008 American Neurotology Society  
Orlando, FL  
PRESENTATION: The Effect of Reduced Cochlear Implant Electrodes on Performance

- PRESENTATION: Speech Perception Outcomes Following Cochlear Implantation Using Partial Insertion or Split Electrode Array
- 2008 American Society of Head and Neck Radiology  
Toronto, Ontario, Canada
- POSTER: Postoperative MRI Grading of Temporal Lobe Gliosis after Middle Cranial Fossa Approach to the Internal Auditory Canal
- 2008 American Academy of Otolaryngology- Head & Neck Surgery  
Chicago, IL
- PRESENTATION: Global vs. Regional HB Score: Reporting Facial Nerve Function
- 2008 Society for Neuroscience  
Washington, DC
- POSTER: Magnetoencephalographic Recording From Tinnitus Patients During Masking Procedures: An Example of Thalamocortical Dysrhythmia
- 2009 Association for Research in Otolaryngology  
Baltimore, MD
- POSTER: Clinical and Molecular Genetic Analysis of a Family with Macrothrombocytopenia (MTCP) and Early Onset Sensorineural Hearing Loss (SNHL)
- 2009 Dysphagia Research Society  
New Orleans, LA
- POSTER: Swallowing Physiology After Skull Base Tumor Resection
- 2009 Eastern Psychological Association Convention  
Pittsburgh, PA
- PRESENTATION: Peer Interactions of Children With Cochlear Implants: The Effects of Group Size
- 2009 4<sup>th</sup> Annual Conference on the Health of the African Diaspora: Challenges and Solutions from Medical School to Practice and Leadership  
New York, NY
- PRESENTATION: Mentoring to Achieve Diversity and Excellence Among Faculty and Leadership – Some Key Elements in the Faculty Mentoring and Leadership Development Programs at NYULMC
- PANEL: Faculty Development: Two Models of Advancement

- 2009      9<sup>th</sup> European Symposium on Paediatric Cochlear Implantation  
 Warsaw, Poland  
 PRESENTATION:      Remote Intraoperative Monitoring During Cochlear  
 Implant Surgery is Feasible and Efficient
- 2009      American Neurotology Society  
 Phoenix, AZ  
 PRESENTATION:      Clinical Spectrum of Patients With Erosion of the  
 Inner Ear by Jugular Bulb Abnormalities
- 2009      American Society of Head and Neck Radiology  
 New Orleans, LA  
 EDUCATIONAL EXHIBIT: Jugular Bulb Abnormalities: Another Cause of  
 Hearing Loss?
- 2009      American Academy of Otolaryngology-Head & Neck Surgery  
 San Diego, CA  
 PRESENTATION:      MYH9 Mutant Alleles: Effects Upon MDA-MB-  
 231 Cell Phenotype
- 2009      Society for Neuroscience  
 Chicago, IL  
 POSTER:      Objective Determination of Tinnitus Type Through  
 Magnetoencephalography
- 2010      American Neurotology Society  
 Las Vegas, NV  
 PRESENTATION:      Intraoperative Neural Response Telemetry (NRT)  
 as Predictor of Performance
- 2010      American Society of Pediatric Otolaryngology  
 Las Vegas, NV  
 POSTER:      A Large Jugular Bulb Diverticulum Impinging on  
 the Ossicular Chain  
 POSTER:      The Otologic Microbiome: A Case Study on  
 Bacterial Microbiota in a Pediatric Patient with  
 Chronic Suppurative Otitis Media
- 2010      The Triological Society  
 Las Vegas, NV  
 POSTER:      Anesthetic Complications Associated with Pediatric  
 Cochlear Implantation
- 2010      11<sup>th</sup> International Conference on Cochlear Implants and other Implantable  
 Auditory Prosthesis, Stockholm, Sweden  
 PRESENTATION:      Bacterial Meningitis Following Cochlear  
 Implantation: 2010

- PRESENTATION: Cochlear Implantation in Unilateral Deafness  
 POSTER: Co-Morbidities, Not Age, Is Predictive of Anesthetic Complications in Pediatric Patients Undergoing Cochlear Implantation
- 2010 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum  
 Budapest, Hungary  
 PRESENTATION: The Otologic Microbiome: A Preliminary Report of Otopathogens in Cholesteatoma and Chronic Suppurative Otitis Media Using 16S rRNA Gene Based Pyrosequencing Analysis
- 2010 American Academy of Otolaryngology-Head & Neck Surgery  
 Boston, MA  
 PRESENTATION: Pyrosequencing-Based Analysis of Middle Ear Microbiota

### INVITED SPEAKER

- 1994 Resident Research Forum, Department of Otolaryngology—Head and Neck Surgery  
 Henry Ford Hospital, Detroit, MI  
 PRESENTATION: Identifying Genes That Cause Deafness That Cause Deafness
- 1994 Grand Rounds, Department of Otolaryngology—Head and Neck Surgery  
 University of Mississippi Medical Center, Jackson, MS  
 PRESENTATION: Adventures in Molecular Otology: In Search of Genes That Cause Deafness  
 PRESENTATION: Facial Nerve Outcome Following AN Surgery
- 1995 American Academy of Audiology  
 Dallas, TX  
 PRESENTATION: Molecular Genetics of Hearing Loss (*Medical Considerations in Hearing Loss Symposium*)
- 1996 American Cleft Palate-Craniofacial Association  
 San Diego, CA  
 PRESENTATION: Otologic Considerations in Hemifacial Microsomia (Presymposia Conference. *Hemifacial Microsomia: Genetics, Etiologies, Development and Management*)
- 1996 American Academy of Audiology  
 Salt Lake City, UT  
 PRESENTATION: Sensorineural Hearing Loss in Children
- 1996 Northern California Chapter of American College of Surgery  
 San Francisco, CA  
 PRESENTATION: Cochlear Implantation

- 1997 Kresge Research Hearing Institute, University of Michigan  
Ann Arbor, MI  
PRESENTATION: AAV-Mediated Gene Transfer in the Cochlea
- 1997 National Center For Excellence in Molecular Biology  
Lahore, Pakistan  
PRESENTATION: Cochlear Gene Therapy
- 1997 30th Annual Advances and Controversies in Clinical Pediatrics  
San Francisco, CA  
PRESENTATION: Universal Infant Hearing Screening: Has Its Time Come?
- 1997 International Hearing Amplification Society  
San Francisco, CA  
PRESENTATION: Genetics and Pediatric Hearing Impairment
- 1998 Symposium on Deafness, All India Institute of Medical Sciences  
New Delhi, India  
PRESENTATION: Syndromic Sensorineural Hearing Loss in Children  
PRESENTATION: Cochlear Gene Therapy
- 1998 International Symposium on Cell and Molecular Biology of the Ear  
House Ear Institute, Los Angeles, CA  
PRESENTATION: Adeno-Associated Virus Mediated Gene Transfer
- 1998 Dallas Academy of Otolaryngology  
Dallas, TX  
PRESENTATION: Gene Therapy for Hearing Disorders
- 1998 International Congress of Pediatric Otorhinolaryngology  
Helsinki, Finland  
PRESENTATION: Cochlear Gene Therapy
- 1998 Frontiers in Otorhinolaryngology, Head and Neck Surgery  
Sydney, Australia  
PRESENTATION: Cochlear Gene Therapy
- 1999 Kaiser Permanente Head and Neck Surgery Symposium  
Costa Mesa, CA  
PRESENTATION: Evaluation and Management of Hearing Loss in Children  
PRESENTATION: Pediatric Cochlear Implantation
- 1999 UCSF's 27<sup>th</sup> Advances in Internal Medicine  
San Francisco, CA  
PRESENTATION: Hearing Loss

- 2000 Tuebingen Symposium in Otology  
Tuebingen, Germany  
PRESENTATION: Inner Ear Gene Therapy
- 2000 3<sup>rd</sup> International Congress of Paediatric Audiology  
Copenhagen, Denmark  
PRESENTATION: Gene Therapy
- 2000 4<sup>th</sup> European congress of Oto-Rhino-Laryngology, Head and Neck Surgery  
Berlin, Germany  
PRESENTATION: Cochlear Gene Therapy
- 2000 American Academy of Otolaryngology—Head & Neck Surgery, Annual Meeting  
Washington, DC  
PRESENTATION: Needle in the Haystack: Once Found, What's Next?
- 2000 University of Minnesota, Boies Lecturer  
Minneapolis, MN  
PRESENTATION: Role of the Otolaryngologist in Molecular Research
- 2000 Royal Society of Medicine, Section on Otology  
London, United Kingdom  
PRESENTATION: Gene Based Therapy for Inner Ear Disorders
- 2001 UCSF Genetics Day  
Marin Headlands, CA  
PRESENTATION: Genetics of Hearing Loss
- 2001 Auditory Function and Dysfunction: Molecular & Physiological Mechanisms  
Auckland, New Zealand  
PRESENTATION: Current Issues in Cochlear Gene Therapy
- 2001 International Symposium on Cochlear Implant and Auditory-Verbal Rehabilitation  
Chang Gung Memorial Hospital, Taipei, Taiwan  
PRESENTATION: How Molecular Genetics Will Change Management of Ear Disease
- 2002 15<sup>th</sup> Annual AAO-HNSF Cherry Blossom Conference  
*Contemporary Management of Sensorineural Hearing Loss*  
Washington, DC  
PRESENTATION: Syndromic Sensorineural Hearing Loss  
PRESENTATION: Non-Syndromic Sensorineural Hearing Loss  
PRESENTATION: Route of Administration of Transtympanic Medication
- 2002 II Curso Internacional de Otologia y Neurotologia  
Madrid, Spain  
PRESENTATION: Evaluation of Childhood Hearing Loss

- PRESENTATION: Tumors of the Jugular Foramen  
PRESENTATION: Surgical Treatment of Vestibular Schwannoma
- 2002 Nobel Conference: *To Restore Hearing*  
Stockholm, Sweden  
PRESENTATION: Potential of Cochlear Gene Therapy in Restoring Hearing
- 2002 Pacific Coast Oto-Ophthalmological Society  
Lake Tahoe, CA  
PRESENTATION: Hearing Loss in Children  
PRESENTATION: Cholesteatoma  
PANEL: What's New in Cochlear Implantation
- 2002 University of Wisconsin's Summer Update in Otolaryngology  
Beaver Creek, CO  
PRESENTATION: Contemporary Evaluation of Pediatric SNHL  
PRESENTATION: Controversy in Cholesteatoma Management: Canal Wall Up vs. Canal Wall Down  
PRESENTATION: Cochlear Implantation Update  
PANEL: Case Presentations in Otolaryngology
- 2002 American Neurotological Society  
San Diego, CA  
PRESENTATION: Genetics of Deafness
- 2002 University of Michigan Temporal Bone Course  
Ann Arbor, MI  
PRESENTATION: Cholesteatoma  
PRESENTATION: Complications of Mastoid Surgery
- 2002 University of Michigan Otolaryngology Grand Rounds  
Ann Arbor, MI  
PRESENTATION: Genetics of Childhood Hearing Loss
- 2002 Ben Senturia Lecturer, Department of Otolaryngology  
Washington University  
PRESENTATION: Cochlear Gene Therapy
- 2002 St. Louis ENT Club, St. Louis, MO  
PRESENTATION: Cochlear Implantation in Children
- 2002 Penn State University Otolaryngology Grand Rounds  
Hershey, PA  
PRESENTATION: Childhood Hearing Loss
- 2002 Central Pennsylvania Society of Otorhinolaryngologists  
Hershey, PA

- PRESENTATION: What's New in Cochlear Implantation
- 2003 5<sup>th</sup> GCC Otorhinolaryngological Head & Neck Surgery Conference  
Dubai, United Arab Emirates  
PRESENTATION: Sensorineural Hearing Loss  
PRESENTATION: Tricks in Cholesteatoma Surgery  
PRESENTATION: Issues in Cochlear Implantation
- 2003 Long Island Society of Otorhinolaryngology  
Great Neck, NY  
PRESENTATION: Childhood Hearing Loss
- 2003 Mayo Clinic Otofest 2003  
Rochester, MN  
PRESENTATION: Cholesteatoma and Tympanoplasty  
PRESENTATION: External Auditory Canal Atresia
- 2003 Visiting Professor, Memorial Sloan Kettering Cancer Center  
New York, NY  
PRESENTATION: Jugular Foramen Tumors  
PRESENTATION: Considerations in Gene Therapy
- 2003 Department of Otolaryngology, Lenox Hill Hospital  
New York, NY  
PRESENTATION: Diagnosis and Management of Pediatric Hearing Loss
- 2003 Department of Otolaryngology, Mt. Sinai School of Medicine  
New York, NY  
PRESENTATION: Childhood Hearing Loss
- 2003 The New England Otolaryngological Society  
Boston, MA  
PRESENTATION: Childhood Hearing Loss  
PRESENTATION: What's New in Cochlear Implantation
- 2004 University of Medicine & Dentistry of New Jersey  
New Jersey Medical School Grand Rounds  
Newark, NJ  
PRESENTATION: Genetics of Hearing Loss
- 2004 Arab Health Congress– Otology Update  
Dubai, United Arab Emirates  
PRESENTATION: Canal Wall Up vs. Down: What's the Controversy  
PRESENTATION: Atresia: Patient Selection and Surgical Correction  
PRESENTATION: Update on Ossicular Reconstruction  
PRESENTATION: Childhood Hearing Loss
- 2004 Eastern Section Meeting, The Triological Society



- New York, NY  
PRESENTATION: Management Options for Vestibular Schwannoma  
(Panel: Controversies in Otology)
- 2004 CUNY Ph.D. Program in Speech and Hearing Sciences, Spring 2004  
Colloquium Series  
New York, NY  
PRESENTATION: Childhood Hearing Loss
- 2004 American Speech-language-Hearing Association “Audiology 2004”: Pediatric  
Audiology & Genetics  
Orlando, FL  
PRESENTATION: New Directions in Gene-Based Treatment  
DISCUSSION: Gene Mapping and Therapy  
PANEL: Interdisciplinary Grand Rounds
- 2004 SUNY Stony Brook Combine Pediatrics and Otolaryngology Grand Rounds  
Stony Brook, NY  
PRESENTATION: Childhood Hearing Loss
- 2004 New York State Speech-Language-Hearing Association, Inc.: 44<sup>th</sup> Annual  
Convention  
Albany, NY  
PRESENTATION: Medical and Surgical Considerations in Cochlear  
Implantation (Mini-seminar: An Introduction to CI)
- 2004 Michigan Oto-Laryngological Society  
Dearborn, MI  
PRESENTATION: Childhood Hearing Loss
- 2004 Columbia University Otolaryngology Grand Rounds  
New York, NY  
PRESENTATION: What’s New in Cochlear Implantation  
PRESENTATION: Treatment of Cholesteatoma
- 2004 American Neurotology Society Fall Program, Emerging Technologies: A  
Glimpse into the Future of Neurotology  
New York, NY  
PRESENTATION: Cochlear Gene Therapy
- 2004 Brooklyn College Annual Symposium: Genetics and Hearing Loss  
Brooklyn, NY  
PRESENTATION: New Developments in the Identification of  
Genetically-Based Hearing Disorders
- 2004 Department of Otolaryngology, Long Island Jewish Hospital  
Long Island, NY  
PRESENTATION: Evaluation and Management of Childhood Hearing  
Loss

- 2005 Department of Otolaryngology, Long Island College Hospital  
Brooklyn, NY  
PRESENTATION: Molecular Genetics of Deafness
- 2005 Eastern Section Meeting, The Triological Society  
Washington, DC  
PRESENTATION: Meniere's Disease: Etiology  
(Panel: Meniere's Disease- Etiologies, Patient  
Evaluation and Treatment Options)
- 2005 Ultimate Colorado Mid-Winter Meeting  
Vail, CO  
PRESENTATION: Genetics of Hearing Impairment
- 2005 Department of Otolaryngology, New York Eye and Ear Infirmary  
New York, NY  
PRESENTATION: Childhood Hearing Loss & Genetics of Hearing  
Impairment
- 2005 Department of Otolaryngology, Albert Einstein School of Medicine  
Bronx, NY  
PRESENTATION: Childhood Hearing Loss
- 2005 Department of Pediatrics, Staten Island University Hospital  
Staten Island, NY  
PRESENTATION: Hearing Loss in Children
- 2005 Chandler Distinguished Professor, University of Miami School of Medicine  
Duck Keys, FL  
PRESENTATION: Evaluation of Childhood Hearing Loss
- 2005 Conference on Research Education and Training in Otolaryngology  
Washington, DC  
PRESENTATION: How to Write a Fundable Application
- 2006 Guest Professor, 24<sup>th</sup> Annual Otolaryngology Research Forum, Department of  
Otolaryngology, Wayne State University  
Detroit, MI  
PRESENTATION: Childhood Hearing Loss
- 2006 Jesse D. Gomillion Visiting Professor, 6<sup>th</sup> Annual Faculty Research Day,  
Department of Otolaryngology, University of Texas Medical Branch,  
Galveston, Texas  
PRESENTATION: MYH9 and Hearing Loss
- 2006 4<sup>th</sup> National Conference of the Cochlear Implant Group of India (CIGI)  
Calicut, Kerala, India

- PRESENTATION: Implication of Central Assymetry in Speech Processing in Selecting the Ear for CI
- PRESENTATION: The HiRes 90K/Harmony CI System
- PRESENTATION: Surgical Tricks in Reimplantation
- PRESENTATION: Genetic Predictors of Cochlear Implantation
- 2006 Stanford Otology & Neurotology Update 2006  
San Francisco, CA
- PRESENTATION: Genetics and Gene Therapy in Otology
- PANEL: Complications in Ear Surgery
- 2006 Visiting Professor, Department of Otorhinolaryngology-Head & Neck Surgery, University of Pennsylvania School of Medicine  
Philadelphia, PA
- PRESENTATION: Evaluation of Childhood Hearing Loss
- 2007 Honored Guest, 85<sup>th</sup> Annual Meeting of Finnish Otolaryngological Society, Helsinki, Finland
- PRESENTATION: Evaluation of Childhood Hearing Loss
- PRESENTATION: NYU Cochlear Implant Program
- 2007 Section Meetings, Triological Society  
Marco Island, FL
- PRESENTATION: Brief History of Cochlear Implantation
- SEMINAR/PANEL: Otology Icons of the 20<sup>th</sup> Century: Addressing Unresolved Issues (Cochlear Implants with John Shea, MD and William House, MD)
- 2007 Jahrsdoerfer Visiting Professor, University of Virginia  
Charlottesville, VA
- PRESENTATION: Childhood Hearing Loss
- 2007 3<sup>rd</sup> Research Day Visiting Professor, Case Western Reserve University  
Cleveland, OH
- PRESENTATION: Genetics and Gene Therapy for Hearing Loss
- 2007 Northeast Minority Affairs Professional Development Conference: Beyond Minority Affairs, New York, NY
- PRESENTATION: Expanding Advocacy for Diversity Across Our Institution At Leadership Level
- PANEL: Achieving Institutional Buy-In
- 2007 6<sup>th</sup> Biennial Northeast Cochlear Implant Convention  
Sturbridge, CT
- PRESENTATION: Genetics and Cochlear Implantation
- 2007 Hearing Loss Association of America  
Harrisburg, PA

- PRESENTATION: Hair Cell Regeneration
- 2007 Recent Advances in Medical Neurotology  
Cleveland, OH  
PRESENTATION: Genetics of Auditory and Vestibular Disorders
- 2007 NIDCD Workshop for New Physician-Investigators in Communication  
Disorders: Strategies for Success  
Bethesda, MD  
PRESENTATION: Winning the Big Prize: Writing a Fundable New  
Investigator R01  
PANEL: Planning for Academic Promotion and Tenure
- 2007 UCSF Otolaryngology Update 2007  
San Francisco, CA  
PRESENTATION: Cholesteatoma: Canal Wall Up vs. Down  
PRESENTATION: Update on Molecular Therapy in Otology
- 2007 Indian Society of Otology Conference (ISOCON) 2007  
Hyderabad, India  
PRESENTATION: Cochlear Implantation: Do's and Don'ts, How's and  
Why's
- 2008 Future of Otology  
El Gouna, Red Sea, Egypt  
PRESENTATION: Evaluation of Childhood Hearing Loss  
PRESENTATION: Genetics of Vertigo  
PRESENTATION: Cochlear Gene Therapy  
PRESENTATION: Future Generation of Cochlear Implantation
- 2008 Department of Polymer Engineering, University of Akron  
Akron, OH  
PRESENTATION: Cochlear Implantation: 2008
- 2008 X Argentinian Congress of Otolaryngology and Children Phonoaudiology  
Buenos Aires, Argentina  
PRESENTATION: Childhood Hearing Loss  
PRESENTATION: Cholesteatoma  
PANEL: Pediatric Cochlear Implantation
- 2008 Visiting Professor, Department of Otolaryngology-HNS, UC Davis  
Davis, CA  
PRESENTATION: Evaluation of Childhood Hearing Loss  
PRESENTATION: Cochlear Gene Therapy
- 2008 Hayden Otology Lecture, Department of Otolaryngology, Virginia  
Commonwealth University  
Richmond, VA

- PRESENTATION: Evaluation of Pediatric Hearing Loss  
PRESENTATION: Cochlear Implantation Update
- 2008 Long Island Society of Otolaryngology-Head & Neck Surgery  
Great Neck, NY  
PRESENTATION: Cochlear Implant Update 2008...2009
- 2008 Department of Otolaryngology, New York Eye and Ear Infirmary  
New York, NY  
PRESENTATION: Evaluation of Childhood Hearing Loss
- 2009 6<sup>th</sup> Tanta International Conference on Advanced Otorhinolaryngology  
Cairo, Egypt  
PRESENTATION: Cholesteatoma - Evaluation and Management  
PRESENTATION: How to Address Complications of Mastoid Surgery  
PRESENTATION: Jugular Foramen Tumors  
PRESENTATION: Cochlear Implant Update 2009  
PRESENTATION: Childhood Hearing Loss  
PRESENTATION: Radiological and Surgical Considerations in Cochlear Implant Surgery
- 2009 Bobby R. Alford Department of OTO-HNS, Baylor College of Medicine  
Houston, Texas  
PRESENTATION: Evaluation of Childhood Hearing Loss
- 2009 Houston Society of Otolaryngology-Head and Neck Surgery  
Houston, TX  
PRESENTATION: Cochlear Implant Update 2009
- 2009 Department of Otolaryngology, University of Medicine and Dentistry of New Jersey, Newark, NJ  
PRESENTATION: Cochlear Implant Update 2009
- 2009 XXVII Congreso Venezolano Otorrinolaringologia  
Caracas, Venezuela  
PRESENTATION: Childhood Hearing Loss  
PRESENTATION: Management of Vestibular Schwannoma  
PRESENTATION: Avoiding Complications of Mastoid Surgery  
PRESENTATION: Update on Cochlear Implantation 2009
- 2009 Guest Faculty, Medical University of South Carolina Temporal Bone Course  
Charleston, SC  
PRESENTATION: Surgical Management of Cholesteatoma  
PRESENTATION: Genetics and Diagnosis of Childhood Hearing Loss
- 2010 Department of Otolaryngology, Albert Einstein College of Medicine  
New York, NY  
PRESENTATION: Molecular Therapy in Otology

- 2010 Translational Genomics Research Institute  
Phoenix, AZ  
PRESENTATION: MYH9 and Hearing Loss
- 2010 Royal Society of Medicine (Otolology Section)  
London, United Kingdom  
PRESENTATION: Molecular Therapy in Otolology: Strategies for  
Hearing Restoration
- 2010 Asociación Colombiana de Otolología y Neurotología  
Barranquilla, Colombia  
PRESENTATION: Evaluation of Childhood SNHL  
PRESENTATION: Cochlear Implantation Update 2010  
PRESENTATION: Future of Otolology: Potential of Molecular Therapies  
for Treatment of SNHL  
PRESENTATION: Complications in Mastoidectomy  
PANEL: Cholesteatoma
- 2010 The Jackson Laboratory's *Mouse as an Instrument for Ear Research IV*  
Bar Harbor, ME  
PRESENTATION: Round Window Drug Delivery to Inner Ear
- 2010 6<sup>th</sup> Annual Cochlear Implant Symposium, Nemours Alfred I DuPont Hospital  
for Children, Wilmington, DE  
PRESENTATION: Surgical Issues in Implanting the Malformed Inner  
Ear

### INTERNET MEETINGS

- 2009 The First Virtual World Otolology Conference  
PRESENTATION: Evaluation of Childhood Hearing Loss

### MEETINGS: Invited Participant

- 2004 Consensus Conference on Effective Educational and Health Care  
Interventions for Infants and Young Children with Hearing Loss,  
Alexandria, VA, (September 10 – 12, 2004)

### MEETINGS: Scientific Organization Committee

- 1999 6<sup>th</sup> International conference on Physiology and Pathology of Hearing  
Warsaw, Poland

- 2002 XXVIII Congress of the Pan American Association of Otorhinolaryngology-  
Head and Neck Surgery, San Francisco, CA
- 2003 The 2003 Citizens Research Conference: Advancements in Hearing  
Technology  
New York, NY
- 2004 Arab Health Congress: Otology Update  
Dubai, United Arab Emirates
- 2005 International Symposium on Meniere's Disease and Inner Ear Homeostasis  
Los Angeles, CA
- 2010 Tissue Engineering in Otology: *Paving The Way From Basic Science To  
Clinical Practice*  
The Royal Society, London England

### **MODERATOR**

- 1994 UC Otolaryngology Update: 1994  
San Francisco, CA  
SESSION: Pediatric Otolaryngology
- 1994 American Academy of Otolaryngology—Head & Neck Surgery  
San Diego, CA  
SESSION: Cochlea and Auditory Nerve, Research Forum
- 1996 American Academy of Audiology  
Salt Lake City, UT  
SESSION: Pediatric Otology
- 1996 Bay Area Resident Research Conference  
Oakland, CA  
SESSION: Research Presentations
- 1999 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
SESSION: Genetics II
- 1999 UC Otolaryngology Update: 1999  
San Francisco, CA  
SESSION: Otology and Neurotology
- 2000 UC Otology and Neurotology Update: 2000  
San Francisco, CA  
SESSION: Tympanoplasty and Ossicular Chain Reconstruction
- 2001 Association for Research in Otolaryngology

- St. Petersburg Beach, FL  
SESSION: Genetics III
- 2001 UC Otolaryngology Update: 2001  
San Francisco, CA  
SESSION: General Otolaryngology/Otology
- 2002 Association for Research in Otolaryngology  
St. Petersburg Beach, FL  
SESSION: Issues in Training, Recruitment, Support of  
Physician Scientists
- 2002 UC Otology and Neurotology Update: 2002  
San Francisco, CA  
SESSION: Cholesteatoma and Chronic Otitis Media
- 2003 American Neurotology Society  
Nashville, TN  
SESSION: Cochlear Implants and Facial Nerve
- 2003 Management of Challenges in Otology  
New York, NY  
SESSION: Panel Discussion on Neurosensory Hearing Loss
- 2003 NYU Evaluation & Patient Management of the Patient with Dizziness  
SESSION: Challenges in Management
- 2003 NYU & DRF Citizens Research Conference  
New York, NY  
SESSION: Advancements in Hearing Research & Technology
- 2004 Arab Health Congress – Otology Update 2004  
Dubai  
SESSION: Implantable Devices Round Table
- 2004 The Triological Society  
Phoenix, AZ  
SESSION: Simultaneous Session: EAR
- 2004 Consensus Conference on Effective Educational and Health Care  
Interventions for Infants and Young Children with Hearing Loss  
Alexandria, VA  
SESSION: Education and Health Care Issues (Topic 2)
- 2007 Section Meetings, Triological Society  
Marco Island, FL  
SESSION: Otology



- 2007            American Neurotology Society  
                 San Diego, CA  
                 SESSION:                    Scientific Session
- 2007            American Neurotology Society  
                 Washington, DC  
                 SESSION:                    Clinical Application of Neurotologic Research
- 2008            10<sup>th</sup> International Conference on Cochlear Implants and Other Implantable  
                 Auditory Technologies  
                 San Diego, CA  
                 SESSION:                    Coding Strategies/Electrode Design/Mapping  
                                                        Strategies/Complications
- 2009            American Neurotology Society  
                 Phoenix, AZ  
                 SESSION:                    Cochlear Implants

**ABSTRACTS**

1. Bates FJ, Watson D, **Lalwani AK**. The Role of Flexible Endoscopy in the Management of Acute Airway Obstruction. *Otolaryngology-Head and Neck Surgery* 1988; 99(2): 193.
2. **Lalwani AK**, Tami TA. Deep Neck Abscess: An Unusual Presentation of Secondary Syphilis. *Otolaryngology-Head and Neck Surgery* 1989; 101(2): 225.
3. **Lalwani AK**, Langman A, Crumley RL. Chondrosarcoma of the Temporal Bone: An Unusual Presentation and Advances in Treatment. *Otolaryngology-Head and Neck Surgery* 1989; 101(2): 249.
4. **Lalwani AK**, Baldwin CT, Morell R, Friedman TB, San Agustin TB, Milunsky A, Adair R, Asher JH, Wilcox ER, Farrer LA. A locus for Waardenburg syndrome type II maps to chromosome 1p13.3-2.1. *Am J Hum Genet* 1994; 55 (supplement): A14.
5. Gupta V; Garcia J; Walton K; **Lalwani AK**; Llinas R. "Magnetoencephalographic recordings from tinnitus patients during masking procedures: an example of thalamocortical dysrhythmia [Abstract]". *Society for Neuroscience Abstract Viewer and Itinerary Planner*. 2008.
6. Gupta V, Garcia J, Walton K, Lalwani AK, Llinas R. Objective Determination of Tinnitus Type Through Magnetoencephalography." *Society for Neuroscience Abstract Viewer and Itinerary Planner*, 2009.

**PUBLICATIONS: Refereed Articles**

1. **Lalwani AK**, Kaplan MJ. Paranasal Sinus Leiomyosarcoma Following Cyclophosphamide and Irradiation. *Otolaryngology-Head and Neck Surgery* 1990; 103(6): 1039-1042.
2. **Lalwani AK**, Snyderman NL. Pharyngeal Ulceration in AIDS Patients Secondary to Cytomegalovirus Infection. *Annals of Otology, Rhinology, & Laryngology* 1991; 100(6): 484-7.
3. **Lalwani AK**, Engelstad BL, Boles R. Significance of Abnormal 111-Indium Leukocyte Accumulation in the Head and Neck Region. *Archives of Otolaryngology-Head & Neck Surgery* 1991; 117(10): 1038-1143.
4. **Lalwani AK**, Jackler RK. Spontaneous Hemotympanum Associated With Chronic Middle Ear Effusion. *American Journal of Otology* 1991; 12(6): 455-458.
5. **Lalwani AK**, Kaplan MJ. Mediastinal and Thoracic Complications of Necrotizing Fasciitis of the Head and Neck. *Head & Neck* 1991; 13: 531-539.
6. Lee KC, Tami TA, **Lalwani AK**, Schecter G. The Changing Face of Cervical Tuberculosis. *Laryngoscope* 1992; 102(1): 60-64.

7. **Lalwani AK**, Tami TA, Gelber RH. Nasal Manifestations of Lepromatous Leprosy. *Annals of Otolaryngology, Rhinology, & Laryngology* 1992; 101: 261-264.
8. **Lalwani AK**, Jackler RK. Endaural Encephalocele. *Otolaryngology-Head & Neck Surgery* 1992; 103(3): 309-310.
9. **Lalwani AK**, Engel T. Teratoma of the Tongue: A Case Report and Review of the Literature. *International Journal of Pediatric Otorhinolaryngology* 1992; 24(3): 227-233.
10. Grundfast KM, **Lalwani AK**. Practical Approach to Diagnosis and Management of Hereditary Hearing Impairment (HHI). *Ear Nose and Throat Journal*, 1992; 71(10): 306-318.
11. **Lalwani AK**, Chang JYJ, Lalwani RB. Indium 111-Labeled White Blood Cell Scan in Diagnosis of Occult Sinus Infection. *American Journal of Rhinology*, 1992; 6(6): 215-218.
12. **Lalwani AK**, Kaplan MJ, Gutin PH. The Trans-Sphenoid Approach to the Sphenoid Sinus and Clivus. *Neurosurgery*, 1992; 31(6): 1008-1014.
13. Chang JYJ, **Lalwani AK**, Lanser MJ. Actinomycosis of the External Auditory Canal. *Otolaryngology-Head & Neck Surgery*, 1993; 108(1): 73-75.
14. **Lalwani AK**, Lalwani RB, Bartlett PC. Heterotopic Gastric Mucosal Cyst of the Tongue. *Otolaryngology-Head & Neck Surgery*, 1993; 108(2): 204-205.
15. **Lalwani AK**, Dowd CF, Halbach VV. Venous Restrictive Disease in Transverse/Sigmoid Sinus Dural Arteriovenous Fistulas. *Journal of Neurosurgery*, 1993; 79(1): 11-15.
16. **Lalwani AK**, Jackler RJ, Gutin PH. A Lethal Fibrosarcoma Complicating Radiation Therapy for a Benign Glomus Jugulare Tumor. *American Journal of Otolaryngology*, 1993; 14(4): 398-402.
17. Kingdom TT, **Lalwani AK**, Pitts LH. Metastatic Melanoma Presenting as Cerebellopontine Angle Tumor. *Neurosurgery*, 1993; 33(1): 142-144.
18. **Lalwani AK**, Jackler RK. Preoperative Differentiation Between Meningioma of the Cerebellopontine Angle and Acoustic Neuroma Using Magnetic Resonance Imaging. *Otolaryngology—Head & Neck Surgery*, 1993; 109(1): 88-95.
19. **Lalwani AK**, Jackler RK, Harsh GR IV, Butt, FYS. Bilateral Temporal Bone Encephaloceles Following Cranial Irradiation. *Journal of Neurosurgery*, 1993; 79: 596-599.
20. **Lalwani AK**, Grundfast KM. A Role For The Otolaryngologist in Identification and Discovery of Genetic Disorders and Chromosomal Abnormalities. *Archives of Otolaryngology—Head & Neck Surgery*, 1993; 119(10): 1074-1081.
21. Farrer LA, Asher JH, Baldwin CT, Friedman TB, Greenberg J, Grundfast KM, **Lalwani AK**, Milunsky A., Morell R., Newton V., Rao VS, San Agustin T, Wilcox ER, Winship I, Read

- AP. Locus heterogeneity for Waardenburg syndrome is predictive of clinical subtypes. *The American Journal of Human Genetics*, 1994; 55: 728-737.
22. **Lalwani AK**, Brister JR, Fex J, Grundfast KM, Pikus A, Ploplis B, San Agustin T, Skarka H, Wilcox ER. A New Nonsyndromic X-linked Sensorineural Hearing Impairment Linked to Xp21.2. *The American Journal of Human Genetics*, 1994; 55: 685-694.
23. **Lalwani AK**, Butt, FYS, Jackler RK, Pitts LH, Yingling C. Facial Nerve Outcome Following Acoustic Neuroma Surgery: A Study From the Era of Cranial Nerve Monitoring. *Otolaryngology—Head and Neck Surgery* 1994; 111: 561-570.
24. **Lalwani AK**, Ploplis B, Fex J, Grundfast KM, Wilcox ER. Further Elucidation of the Genomic Structure of PAX3 and Identification of Two Different Point Mutations in the Homeobox of PAX3 Gene Causing Type 1 Waardenburg Syndrome. *The American Journal of Human Genetics*, 1995; 56(1): 75-83.
25. **Lalwani AK**, Butt, FYS, Jackler RK, Pitts LH, Yingling CD. Delayed Facial Nerve Palsy Following Acoustic Neuroma Surgery. *American Journal of Otology*, 1995; 16(6): 758-764.
26. Jain PK, Fukushima K, Deshmukh D, Ramesh A, Thomas E, **Lalwani AK**, Kumar S, Ploplis B, Skarka H, Srisailapathy CRS, Wayne S, Zbar RIS, Verma IC, Smith RJH, Wilcox ER. A human recessive neurosensory nonsyndromic hearing impairment locus is a potential homologue of the murine deafness (*dn*) locus. *Human Molecular Genetics*, 1995; 4(12): 2391-2394.
27. **Lalwani AK**, Carey T, Peters B, Goldstein IJ. Lectin Binding Characteristics of SCC of the Head and Neck. *Acta Otolaryngologica (Stockh)*, 1996; 116: 125-131.
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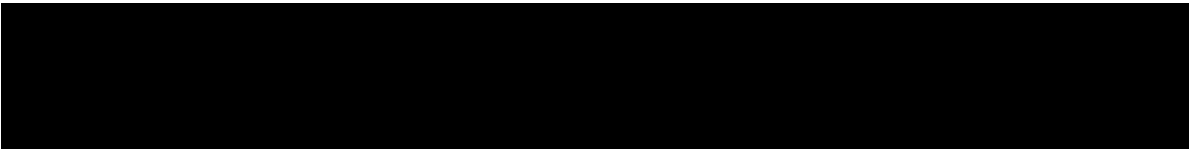
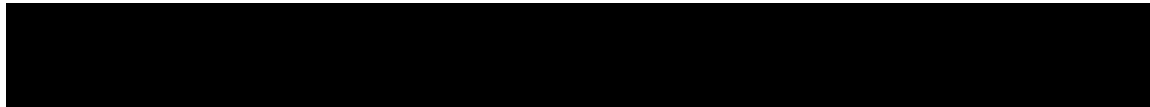
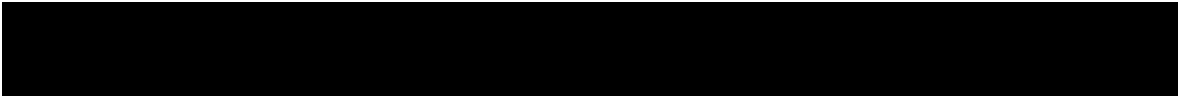
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8. **Lalwani AK**, Carvalho GJ, Han JJ, Mhatre AN. Gene Therapy for Hearing Disorders. In: *Developments in Genetic Hearing Impairment*. Editors: Stephans D, Read A, Martini A. Whurr Publishers, London, England, 1998, pp 1-6.
9. Wareing MJ, **Lalwani AK**. Cochlear Gene Therapy: Current Perspectives. *International Journal of Pediatric Otorhinolaryngology*, 1999; 49 Suppl 1: S27-30.
10. **Lalwani AK**, Castelein CM. Cracking the Auditory Genetic Code: Nonsyndromic Hereditary Hearing Impairment. *American Journal of Otology*, 1999; 20(1): 115-132.
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17. **Lalwani AK**, Goldstein JA, Mhatre AN. Auditory Phenotype of DFNA17 (*In Cremers CWRJ and Smith RJH (eds) Clinical Presentation of Genetic Hearing Impairment*). *Advances in Oto-Rhino-Laryngology* 2002; 61: 107-112.
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22. **Lalwani AK**, Mhatre AN. Cochlear Gene Therapy. *Ear and Hearing* 2003; 24(4):342-8.
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28. Kesser BW, **Lalwani AK**. Gene Therapy and Stem Cell Transplantation: Strategies for Hearing Restoration. *Advances in Oto-Rhino-Laryngology* 2009; 66: 64-86.
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**PUBLICATIONS: Invited Editorial**


1. **Lalwani AK.** Progress in Congenital Hearing Loss. American Journal of Otology, 1999; 20(1): 1-2.

**BOOK CHAPTERS**

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3. **Lalwani AK, Jackler RK.** Ear (Chapter 24). In Lonergan ET, ed. Geriatrics, An Appleton Lange Clinical Manual. Appleton & Lange, Stamford, CT, 1996, pp 380-391.
4. Reilly PG, **Lalwani AK**, Yingling CY. Intraoperative Cranial Nerve Monitoring (Chapter 15). In House WF, Luetje CM, and Doyle KJ (eds.), Acoustic Tumors: Diagnosis and Management. Singular Publishing Group, Inc., San Diego, CA, 1997, pp 241-249.
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15. Johnson J, **Lalwani AK**. Meniere's Disease, Vestibular Neuronitis, Paroxysmal Positional Vertigo and Nystagmus and Cerebellopontine Angle Tumors (Chapter 20). In Snow JB Jr and Ballenger JJ (eds) Ballenger's Otorhinolaryngology Head and Neck Surgery, 16<sup>th</sup> Edition, BC Decker, Hamilton, Ontario, Canada, 2003, pp. 408-442.
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25. Johnson J, **Lalwani AK**. Vestibular Disorders (Chapter 55). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 761-770.
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41. Gluth MB, Driscoll CLW, **Lalwani AK.** Cochlear Implants (Chapter 70). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2<sup>nd</sup> Edition, McGraw Hill, New York, NY, 2008, pp. 877-887.
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44. Huang TC, **Lalwani AK.** Neurophysiology during middle ear, mastoid and parotid surgery. In Nuwer MR (ed) Intraoperative Monitoring of Neural Function, Volume 8, [Daube JR and Mauguire F (ed) HANDBOOK OF CLINICAL NEUROPHYSIOLOGY Series], Elsevier, Amsterdam, The Netherlands, 2008, pp. 556-565.

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1. PEDIATRIC OTOLOGY AND NEUROTOLOGY. **Lalwani AK** and Grundfast KM (eds.). J. B. Lippincott Co., Philadelphia, PA, 1998.
2. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2004.
3. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY, 2<sup>nd</sup> Edition. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2008.

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**AUDIO-DIGEST**

1. **Lalwani AK**. Evaluating Pediatric SNHL. Audio-Digest Otolaryngology, 32(9), May 1, 1999.
2. **Lalwani AK**. Cochlear Implantation in Pediatric Patients. Audio-Digest Otolaryngology, 32(10), May 15, 1999.
3. **Lalwani AK**. Impact of Molecular Genetics on the Management of Ear Diseases. Audio-Digest Otolaryngology, 34(2), January 21, 2001.
4. **Lalwani AK**. Cochlear Implants: State of the Art. Audio-Digest Otolaryngology, 34(13), July 7, 2001.
5. **Lalwani AK**. Evaluation of Sensorineural Hearing Loss (SNHL). Audio-Digest Otolaryngology, 36(6), March 21, 2003.
6. **Lalwani AK**. Cholesteatomas: Canal-Wall Up vs. Canal-Wall Down. Audio-Digest Otolaryngology, 41(6), March 21, 2008.

**RADIO AND TELEVISION**

1. “Hearing Loss Remedies,” The Early Show, CBS News, January 10, 2006.
2. “Mystery of the Mind,” The Paula Zahn Show, CNN News, September 1, 2006.

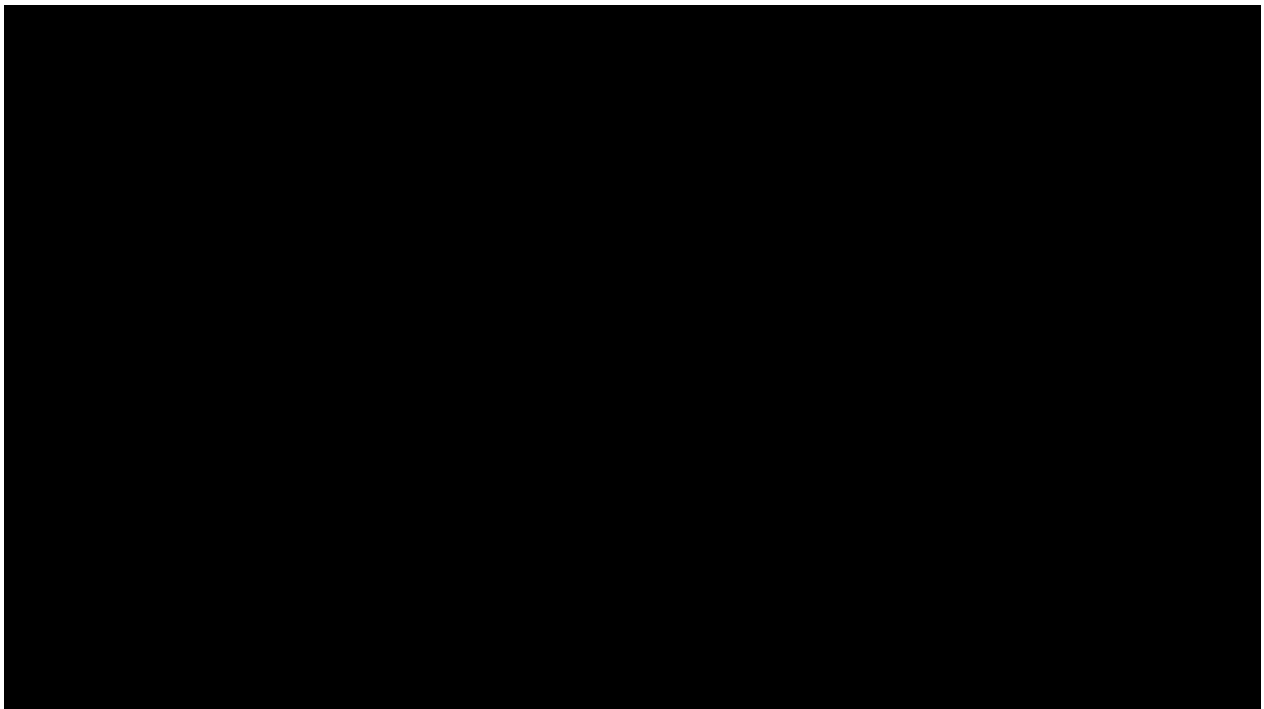
3. “Kiss of Deaf,” The Early Show, CBS News, June 13, 2008.
4. “Please Explain: Hearing,” The Leonard Lopate Show, WNYU, June 5, 2009.
5. “Aging and Hearing Loss,” Healthy Aging with Michael Perskin, MD, SIRIUSXM Radio, April 12, 2010.
6. “Viagara and Hearing Loss,” Men’s Health Show with Herbert Lepor, MD & Joseph Alukal, MD, SIRIUS 114/XM 119 Radio, June 16, 2010.
7. “What’s New in Hearing Loss,” Healthy Aging with Michael Perskin, MD, SIRIUSXM Radio, October 18, 2010.

## INTERNET

1. **Lalwani AK.** The Genetics of Late-Onset hearing Impairment. DNA Sciences, Inc ([www.dna.com](http://www.dna.com)), September 28, 2000.
2. **Lalwani AK.** Pediatric Sensorineural Hearing Loss. Resident Curriculum Module, American Academy of Otolaryngology—Head & Neck Surgery.
3. **Lalwani AK.** Canal Wall Up Technique. The 4<sup>th</sup> Global Otology-Neurotology Live Surgical Broadcast, May 19, 2009. Live International Otolaryngology Network (LION).

## SUBMITTED/IN PREPARATION

- 1.
- 2.
- 3.
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- 5.
- 6.



7.

## **RESEARCH SUPPORT**

### **CURRENT ACTIVE GRANT SUPPORT (PI: ANIL K. LALWANI, MD)**

American Hearing Research Foundation

January 1, 2010-December 31, 2010

Title: Biological Role of Nonmuscle Myosin IIA in Sensory Hair Cells

(PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)

Zausmer Foundation

April 2010 – March 2011

Title: Second Hand Smoke Exposure and Hearing Loss

(PI: Anil K. Lalwani, MD, Michael Weitzman, MD, Ying-Hua Liu, PhD)

Prepared on 2/14/11



American Academy of Otolaryngology—Head & Neck Surgery

██████████ July 1, 1996 - June 30, 1997

Title: *Familial Unilateral Acoustic Neuroma: A New Syndrome or a Variable Expression of Neurofibromatosis Type II?* ██████████

American Academy of Otolaryngology—Head & Neck Surgery

██████████ July 1, 1996 - June 30, 1997

Title: *The Efficacy of Direct and Adeno-associated Virus Mediated Introduction of NT-3 in Preventing Neural Degeneration Following Aminoglycoside-Induced Ototoxicity in the Guinea Pig* ██████████

Academic Senate, UCSF

██████████ November 1996 - June 1997

Title: *Characterization of Water Channels in the Cochlea*

American Hearing Research Foundation

██████████ January 1, 1997 - December 31, 1997

Title: *Characterization of the Mammalian Inner Ear Water Channel*

National Organization For Hearing Research

██████████ January 1, 1998 - December 31, 1998

Title: *Characterization of Cationic Liposomes as Gene Transfer Vectors in Cochlear Gene Therapy Studies (PI: Anand Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

National Organization For Hearing Research

██████████ January 1, 1998 - December 31, 1998

Title: *Expression, Regulation and Physiological Function of Aquaporin 2 and Vasopressin V2 Receptor in the Inner Ear (PI: Igor I. Shubayev, MD; Co-PI: Anil K. Lalwani, MD)*

Anonymous Foundation

██████████ January 1, 1997 - December 31, 1999

Title: *Laboratory of Molecular Genetics Research Grant*

Anonymous Foundation

██████████ January 1, 1997 - December 31, 1999

Title: *UCSF Pediatric Cochlear Implant Program*

Deafness Research Foundation

██████████ January 1, 1999 – December 31, 1999

Title: *Connexin 26 Mutations Responsible For Non-Syndromic Hearing Loss: In Vitro and In Vivo Characterization (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

National Organization For Hearing Research

██████████ January 22, 1999 – January 21, 2000

Title: *Development and Characterization of an Animal Model with Connexin 26 (Cx26) Dysfunction (PI: Anand Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

## Deafness Research Foundation

January 1, 2000 – December 31, 2000

Title: *Mouse Knockouts of AQP1 and AQP4: Model Systems for Assessing Contribution of AQP1 and 4 to the Auditory Function and Therapeutic Efficacy of Cochlear Gene Transfer* (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)

## Deafness Research Foundation

January 1, 2000 – December 31, 2000

Title: *Stability, Safety, and Efficacy of Lentivirus Mediated Transgene Expression in the Cochlea* (PI: Anil K. Lalwani, MD; Co-PI: Anand N. Mhatre, PhD)

## American Otological Society (Research Training Fellowship)

July 1, 1999 – June 30, 2000

Title: *Aquaporin-5 in the Inner Ear: Expression and Potential Role in Hearing* (Charles Jer-Huang Tseng, MD, Washington University)

## The American Laryngological, Rhinological and Otological Society, Inc.

July 1, 2000 – June 30, 2001

Title: *Ear Development in Two Mouse Models of Cleidocranial Dysplasia* (PI: Christina Laane, MD)

## National Institute on Deafness and Other Communication Disorders, NIH

\$569,985 July 1, 1996 - June 30, 2001

Title: *Molecular Genetics of and Gene Therapy for Deafness* (K08 DC00112)

## National Organization For Hearing Research

January 22, 2000 – January 21, 2001

Title: *Genetic Linkage Analysis of a Five Generation Family with Autosomal Dominant Hereditary Hearing Loss* (PI: Jayne A. Goldstein, PhD; Co-PI: Anil K. Lalwani, MD)

## American Hearing Research Foundation

January 1, 2001 – December 31, 2001

Title: *Characterization of Prion Protein (PrP) Induced Hearing Loss and its Pathophysiology in Transgenic Mice* (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)

## Deafness Research Foundation

January 1, 2001 – December 31, 2001

Title: *Characterization of Prion Protein (PrP) Induced Hearing Loss and its Pathophysiology in Transgenic Mice* (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)

## Deafness Research Foundation

January 1, 2001 – December 31, 2001

Title: *Identification and Characterization of Genes for Non-syndromic Hearing Impairment* (PI: Jayne A. Goldstein, PhD)

## Anonymous Foundation

January 1, 2000 - December 31, 2002

Title: *Laboratory of Molecular Genetics Research Grant*

## Anonymous Foundation

[REDACTED] January 1, 2000 - December 31, 2002

Title: *UCSF Pediatric Cochlear Implant Program*

## Hearing Research, Inc

[REDACTED] January 1998 - December 2002

*ecular Biology and Genetics of Deafness*

## Deafness Research Foundation

[REDACTED] January 1, 2002 – December 31, 2002

Title: *Non-Muscle Myosin MYH9 and its Mutant MYH9-R705 in Hearing and its Dysfunction*

## Deafness Research Foundation

[REDACTED] January 1, 2001 – December 31, 2002

Title: *Identification and Characterization of Genes for Non-Syndromic Hearing Impairment*

## National Institute on Deafness and Other Communication Disorders, NIH

\$1,250,000 July 1, 2002 – June 30, 2007

Title: *Role of Conventional Myosin MYH9 in Hearing*

(PI: Anil K. Lalwani, MD)

## National Organization for Hearing Research Foundation

[REDACTED] January 1, 2004 - December 31, 2004

Title: *The Assessment of Neural Stem Cells as Therapeutic Vectors in the Mammalian Cochlea*

(PI: Nirmal Patel; co-PI: Anil K. Lalwani)

## Chas. Henry Leach II Foundation

[REDACTED] January 1, 2004 – December 31, 2008

Title: *Genetic Influences on Cochlear Implant Outcome*

(PI: Anil K. Lalwani, MD)

## Advanced Bionics Corporation

April 2005 – April 2008

Title: *Electroacoustic Hearing*

(PI: Anil K. Lalwani, MD)

## Innovation in Medical Education and Research Small Grants Program

November 26, 2007 - November 25, 2008

Title: *Simulation-Based Training in Advanced Airway Skills*

(PI: Milan Amin, MD; Co-PI: Richard Lebowitz, Kenneth Schneider, Anil Lalwani)

## Chas. Henry Leach II Foundation

January 1, 2009 – December 31, 2009

Title: *Genetic Influences on Cochlear Implant Outcome*

(PI: Anil K. Lalwani, MD)

**PREVIOUS STUDENT FELLOWSHIPS**

Howard Hughes Medical Institute (Research Training Fellowship for Medical Students)

██████████ July 1, 1996 - June 30, 1997

Title: *Application of Intracochlear Gene Therapy to Prevent Spiral Ganglion Loss Following Ototoxic Insult Using Adeno-Associated Virus Containing Neurotrophin-3* ██████████  
██████████

Genentech Foundation Research Fellowship

██████████ July 1, 1996 - June 30, 1997

Title: *The Efficacy of NT4/5 Polypeptide and NT4/5 Gene Integrated Into an AAV Transfection Vector in Preventing Neural Degeneration Following Aminoglycoside-Induced ototoxicity in the Guinea Pig* ██████████

Deafness Research Foundation (Otological Research Fellowship)

██████████ July 1, 1997 - June 30, 1998

Title: *Characterization of Aquaporin-4 (AQP-4) Within the Mammalian Inner Ear and Determination of Physiologic Role in Hearing and Balance* ██████████  
██████████

Genentech Foundation Research Fellowship

██████████ July 1, 1996 - June 30, 1997

Title: *Genetic Linkage Analysis of a Three Generation Family With Autosomal Dominant Progressive Low Frequency Sensorineural Hearing Impairment* ██████████  
██████████

Deafness Research Foundation (Otological Research Fellowship)

██████████ July 1, 1998 - June 30, 1999

Title: *Genetic Linkage Analysis of a Three Generation Family With Autosomal Dominant Progressive Low Frequency Sensorineural Hearing Impairment* ██████████  
██████████

Deafness Research Foundation (Otological Research Fellowship)

██████████ July 1, 1999 - June 30, 2000

Title: *Candidate Gene Analysis for DFNA17* ██████████

University of California San Francisco (Student Research Committee Summer Fellowship)

██████████ June 2002 - August 2002

Title: *Role of Water Channels in Meniere's Disease* ██████████  
██████████

Garnett Passe and Rodney Williams Memorial Foundation Overseas Research Fellowship

██████████ August 1, 2003 to July 31, 2004

TITLE: *Stem cell mediated neurtotrophin gene therapy in the cochlea* ██████████  
██████████

Howard Hughes Medical Institute (Research Training Fellowship for Medical Students)

██████████ July 1, 2003 - June 30, 2004

Title: *Analysis of a Transgenic Mouse Model to Study the Ototoxic mechanism of the Anti-Neoplastic Drug Cisplatin* [REDACTED]

Chinese American Medical Society (Ruth Liu Memorial Scholarship)

[REDACTED] July 1, 2004 – June 30, 2005

Title: *Molecular Genetics of Deafness* [REDACTED]

Website: <http://www.camsociety.org/programs.htm>